MACHINE TYPE 1411 SERIAL # 00000 04-08-63

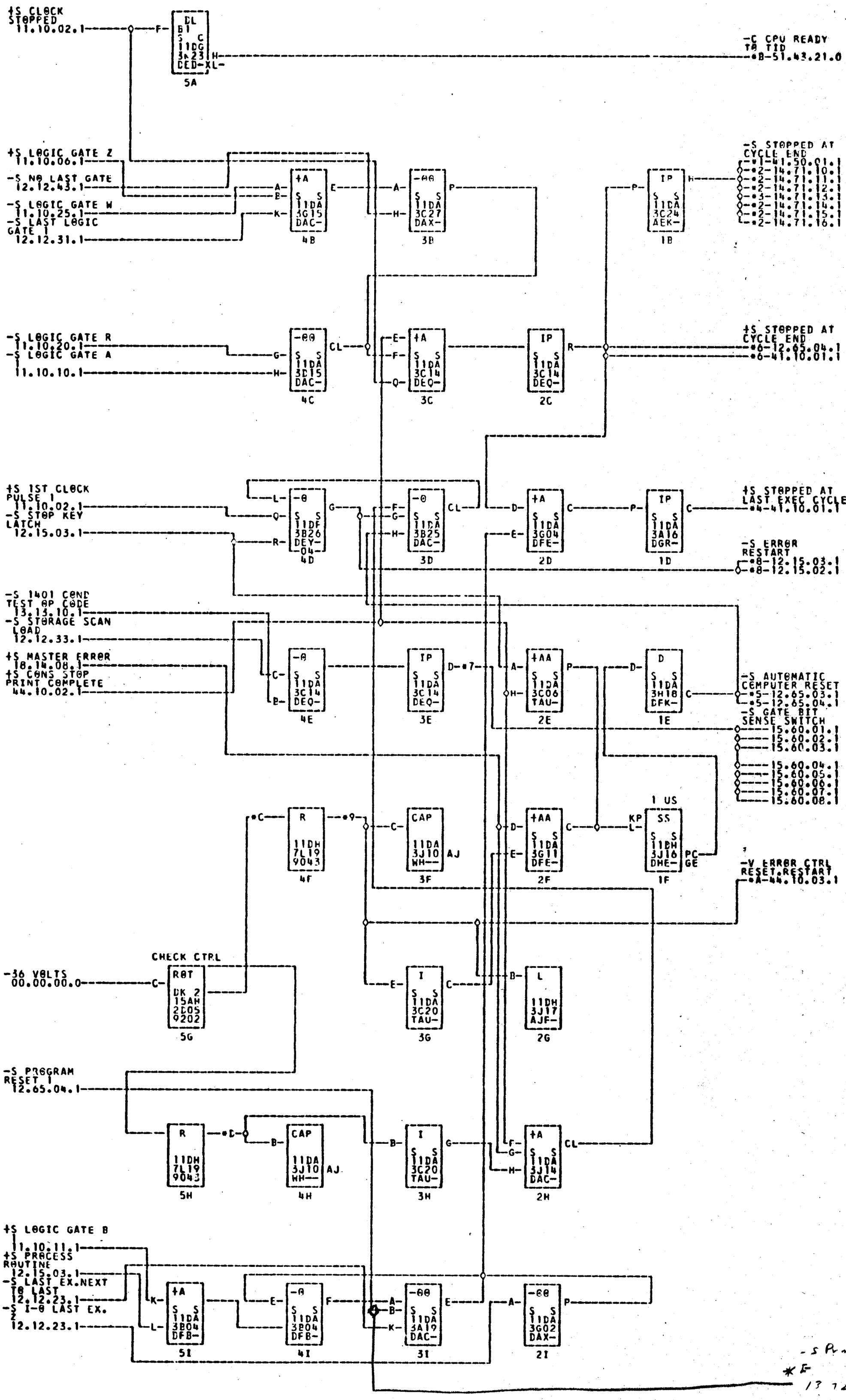
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LOGIC NO.	DESCRIPTION	PART NO	ENG CHG	ECR NO	SF	B/M
SYSTEM DIAGRAMS VOLUME 4						
13.42.10.1	CPU-CONSOLE CONTROLS	0762083	250785			
13.42.11.1	E CH EXT END OF TRAN & DISC LATC	0762084	251839			
13.50.01.1	E CH PERCENT AND COML AT I-O LATC	0762085	252647			
13.50.02.1	I-O CHANNEL SELECT REGISTER	0762152	251[illegible]			
13.50.03.1	I-O UNIT SELECTI[illegible] CHANNEL	0762086	251[illegible]			
13.50.04.1	I-O UNIT SEL[illegible]AL	0762087	2507[illegible]			
13.50.05.1	I-O UNIT SEL[illegible]AL	0762088	250789			
13.50.07.1	UNIT SELECT [illegible]	0762089	251829			
13.60.02.1	ODD.EVEN P[illegible]S	0762091	250745			
13.60.03.1	EVEN-ODD P[illegible]	0762092	250786			
13.60.04.1	F CH IN PROCESS	0762093	251818			
13.60.05.1	MOVE AND LOAD CYCLES	0762094	250181			
13.60.06.1	INPUT AND OUTPUT CYCLES	0762095	250761			
13.63.01.1	E CH END OF RECORD&END OF TRANS	0762096	251823			
13.63.02.1	E CH LAST INPUT CYCLE	0762097	249906			
13.63.03.1	E CH WRONG LENGTH RECORD	0762[illegible]	251162			
13.64.02.1	F CH WORD SEPARATOR CONTROL	0762[illegible]	251759			
13.64.03.1	F CH FULL CONTROL	0762[illegible]	251772			
13.64.04.1	F CH WORD SEPARATOR CONTROL	0762[illegible]	249906			
13.64.05.1	F CHANNEL OPTIONAL UNIT SELECT	0762157	25182[illegible]			
13.64.07.1	COMPUTE DISABLE	0762158	2507[illegible]			
13.64.08.1	IN PROCESS LATCH	0762159	2526[illegible]			
13.65.01.2	1401 ERROR LATCHES	0762099	2517[illegible]			
13.65.02.1	1401 ERROR LATCHES	0762100	2507[illegible]			
13.65.03.1	1401 ERROR LATCHES	0762101	2507[illegible]			
13.65.04.1	I-O STOP [illegible]LS	0762102	2518[illegible]			
13.65.05.1	E CH STA[illegible] SAMPLE	0762103	2518[illegible]			
13.65.06.1	E CH STA[illegible]S SAMPLE	0762104	251[illegible]			
13.65.07.1	I-O LAS[illegible]ECUTE CYCL[illegible]	0762105	251[illegible]			
13.65.08.1	1401 [illegible]LATCHES	0762106	250[illegible]			
13.66.01.1	F CH [illegible] AND CONDITION	0762161	251[illegible]			
13.66.02.1	F CH [illegible] RECORD	0762162	2517[illegible]			
13.66.03.1	F CH [illegible] OF XFER LAST INPUT CYCLE	0762163	2517[illegible]			
13.66.04.1	F CH [illegible]TA FLOW CONTROL	0762164	2507[illegible]			
13.66.05.1	F CH [illegible]T READY BUSY	0762165	25182			
13.66.06.1	F CH [illegible]RONG LENGTH RECORD	0762166	25182			
13.66.07.1	F CH [illegible]APE CONTROLS	0762167	250782			
13.66.08.1	F CH [illegible]APE CONTROLS	0762168	250785			
13.66.09.1	F CH [illegible]APE CONTROLS	0762169	250785			
13.66.10.1	F CH INPUT GATE CONTROL	0762170	251143			
13.67.01.1	F CH STATUS SAMPLE	0762171	251143			
13.67.02.1	F CH STATUS SAMPLE	0762172	251783			
13.67.03.1	F CH [illegible]XT END OF TRF AND DISC LATC	0762173	251829			
13.70.01.1	BUF[illegible]ER CONTROL	0762107	251771			
13.70.02.1	BUF[illegible]ER CONTROLS	0762108	252637			
13.70.03.1	BUF[illegible]ER CONTROL	0762109	251771			
13.70.04.1	BUF[illegible]ER CONTROL	0762110	251839			
13.71.04.1	E CH TAPE CONTROLS	0762113	251102			
13.71.05.1	E CH TAPE CONTROLS	0762114	251102			
13.72.01.1	E CH FILE CONTROLS	0762011	250798			
13.72.02.1	E CH FILE CONTROLS	0762012	250785			
13.72.[illegible].1	E CH FILE CONTROL	0762013	251818			
13.72.[illegible].1	E CH NO TRANSFER LATCH	0762115	251839			
13.7[illegible].1	E CH NO TRANSFER LATCH	0762116	249906			
13.7[illegible].1	F CH FILE CONTROLS	0762175	250798			
13.[illegible].1	F CH FILE CONTROLS	0762176	250785			
13.[illegible].1	F CH FILE CONTROLS	0762177	251807			
13.73.04.1	F CH NO TRANSFER LATCH	0762178	250786			
13.74.01.1	FILE CONTROL	0762014	251818			
13.74.02.1	FILE CONTROLS	0762015	250786			
14.04.01.0	CKT CD LOC CHART 1182 2 SHTS	0761059	251784			
14.04.01.3	CABLE AND EDGE CONNECTOR LOCATIO	0762417	250735			
14.10.01.1	A ADDRESS REGISTER UNITS POS	0761445	249906			
14.10.02.1	A ADDRESS REGISTER TENS POS	0761446	249906			
14.10.03.1	A ADDRESS REGISTER HUNDREDS POS	0761447	249906			
14.10.04.1	A ADDRESS REGISTER THOUSANDS POS	0761448	249906			

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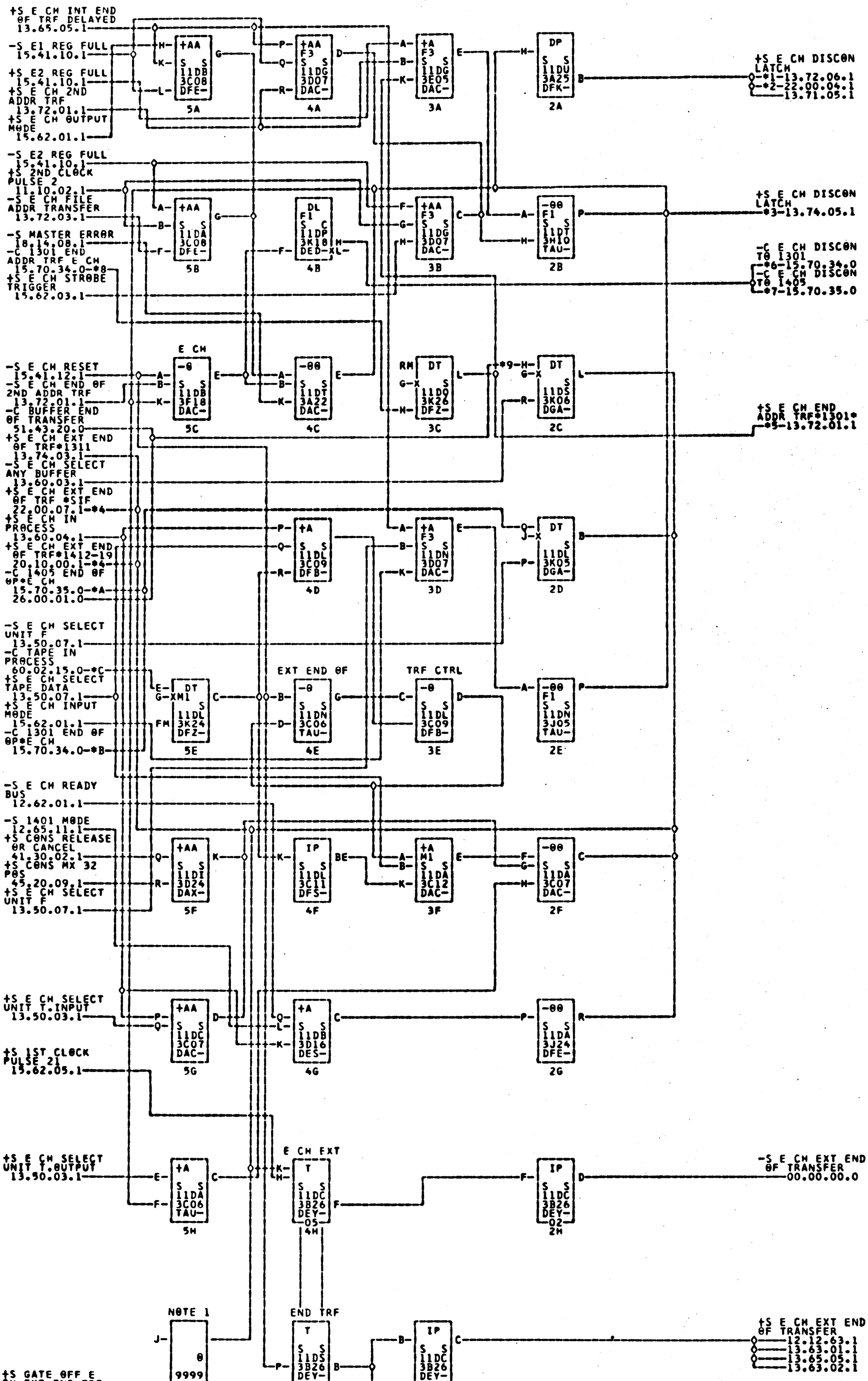
LOGIC NO.		DESCRIPTION	PART NO	ENG CHG	ECR NO	SF	B/
SYSTEM DIAGRAMS							
VOLUME 4							
14.10.05.1	A	ADDRESS REGISTER TEN THOUSANDS	0761449	249906			
14.11.01.1	B	ADDRESS REGISTER UNITS POS	0761450	249906			
14.11.02.1	B	ADDRESS REGISTER TENS POS	0761451	249906			
14.11.03.1	B	ADDRESS REGISTER HUNDREDS POS	0761452	249906			
14.11.04.1	B	ADDRESS REGISTER THOUSANDS POS	0761453	249906			
14.11.05.1	B	ADDRESS REGISTER TEN THOUSANDS	0761454	249906			
14.12.01.1	C	ADDRESS REGISTER UNITS POS	0761455	249906			
14.12.02.1	C	ADDRESS REGISTER TENS POS	0761456	249906			
14.12.03.1	C	ADDRESS REGISTER HUNDREDS POS	0761457	249906			
14.12.04.1	C	ADDRESS REGISTER THOUSANDS POS	0761458	249906			
14.12.05.1	C	ADDRESS REGISTER TEN THOUSANDS	0761459	249906			
14.13.01.1	D	ADDRESS REGISTER UNITS POS	0761460	249906			
14.13.02.1	D	ADDRESS REGISTER TENS POS	0761461	249906			
14.13.03.1	D	ADDRESS REGISTER HUNDREDS POS	0761462	249906			
14.13.04.1	D	ADDRESS REGISTER THOUSANDS POS	0761463	249906			
14.13.05.1	D	ADDRESS REGISTER TEN THOUSANDS	0761464	249906			



COMMENTS
BLOCK 6F TO BE WITHIN 20 PERCENT

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	1115B5C	B	06-16-61	111594C	C	06-17-61	249906	D	08-30-61	250185
E	11-20-61	250717	F	02-12-62	250761	G	03-07-62	251134	H	04-12-62	250785

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1 COMMENTS
NOTE 1 DIODE ASM 589347
FEATURE ADDITION MFI A1

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
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E	12-26-61	250748	F	01-03-62	250759	G	01-30-62	250755	H	02-07-62	251099
I	02-28-62	251113	J	03-07-62	251134	K	04-05-62	250783	L	04-11-62	251132
M	04-23-62	250786	N	07-17-62	250787	O	08-08-62	251774	P	08-17-62	251809
Q	10-03-62	251807	R	11-01-62	251839	S	11-15-62	251829	T	02-20-63	252644

A

+S B CH 8 BIT 15.30.04.1
+S B CH N0T 2 BIT 15.30.02.1
+S I CYCLE 1 12.12.04.1
5A +AA
4A IP
+S SET I-0 CH SEL REG *C-13.50.02.1

+S B CH 4 BIT 15.30.03.1
+S B CH N0T 1 BIT 15.30.01.1
+S I RING 3 TIME 11.20.03.1
5B +AA
2B IP
1B IP0
+S I-0 PERCENT 0R L0ZENGE 12.12.60.1
-S I-0 PERCENT LATCH *9-14.71.26.1 *A-13.13.09.1 *9-14.71.25.1

+S ANY M+L+U 0P 13.13.06.1
+S L0GIC GATE E 1 11.10.14.1
-S I-0 L0ZENGE LATCH 13.50.02.1
+S B CH N0T WM BIT 15.30.08.1
5C +AA
I0 PERCENT LATCH
3C -0
2C -0
1C IP0

+S B CH A BIT 15.30.05.1
3D +A
1D IP
+S I-0 PERCENT LATCH *1-13.13.09.1 13.60.04.1 13.65.07.1

-S PR0GRAM RESET 2 12.65.06.1

+S 1401 M0DE 12.65.10.1
3E +AA
1E IP0
+S PERCENT 0R C0ML AT *2-13.72.07.1 13.50.07.1 13.71.05.1 12.62.02.1 *3-15.62.04.1 13.65.06.1 15.62.02.1 15.55.09.1 15.62.01.1 *4-18.14.11.1 13.71.04.1 15.55.01.1 *4-13.72.03.1 *4-13.74.01.1 *4-13.72.02.1 *3-15.41.12.1 *3-15.62.05.1

+S B CH N0T B BIT 15.30.06.1
3F +AA
1F IP0

+S I RING 6P TIME 11.20.01.1
-S 1401 M0DE 12.65.11.1
5G IPA
3G +AA
2G IP
-S I-0 C0ML AT LATCH *B-14.71.26.1
-S RESET I-0 CH SEL REG *D-13.50.02.1

5H IPA
I0 C0ML AT LATCH
3H -0
2H -0
1H IP
-S PERCENT 0R C0ML AT *6-13.74.02.1

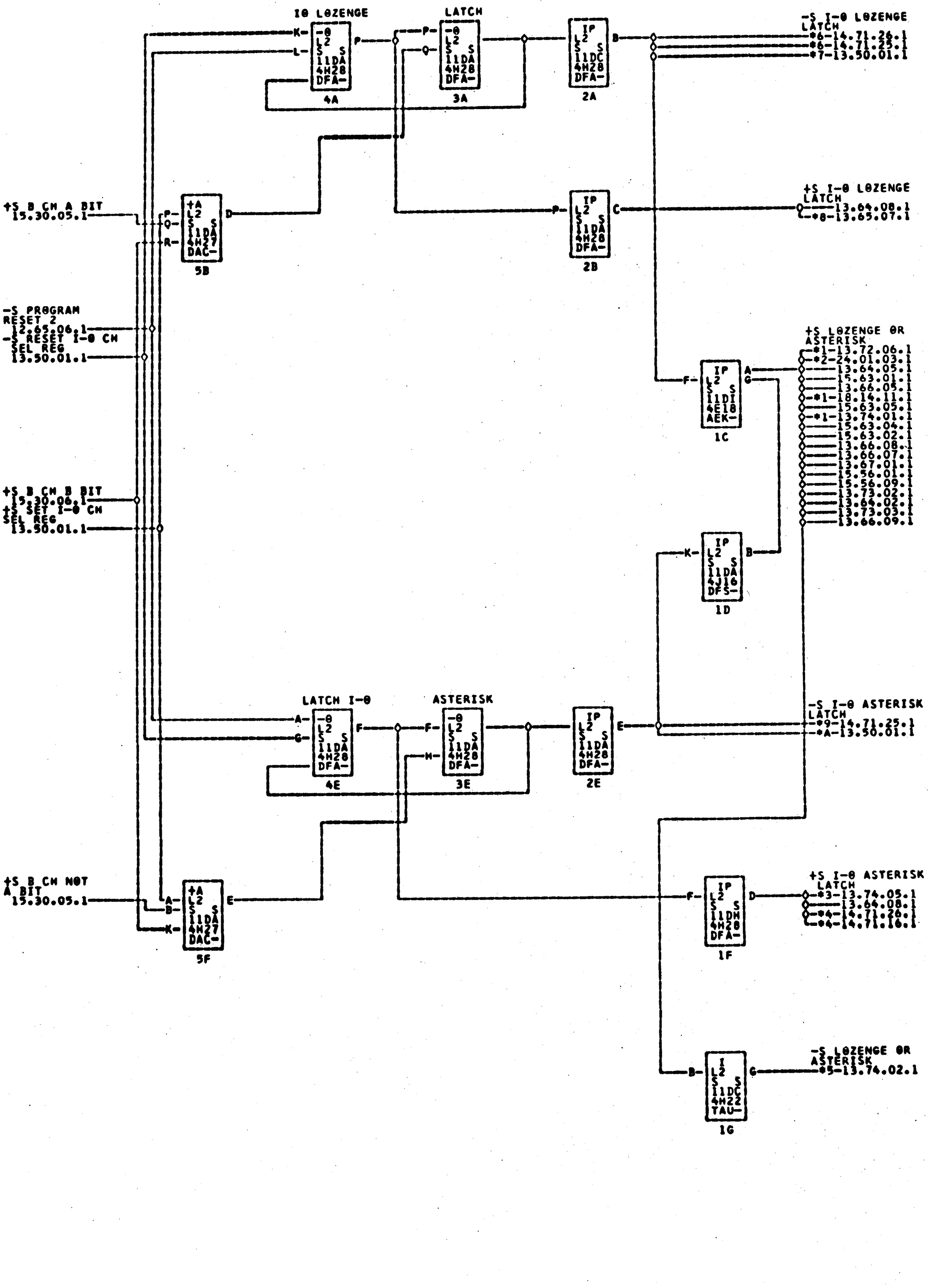
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+S B CH N0T A BIT 15.30.05.1
5I IP0
4I IP0
3I +AA
1I IP
+S I-0 C0ML AT LATCH *7-13.74.05.1 13.60.04.1 *8-14.71.15.1 *8-14.71.25.1
+S C0ML AT 0R ASTERISK 13.65.07.1

*1—11D3Y12C—11D1Z12C *2—11D3C28C—11D4C01C *3—11D3H020—11C4H270 *4—11D3Y09D—11D1Z09D—11D1F28P—11D2F01P
*5—11D3H020—11C4H270—11C4G01A—11C3G28A *6—11D3A07E—11D1K07E—11D1F27R—11D2F02R
*7—11D3Y13B—11D1Z13B—11D1J27G—11D2D28G *8—11D3Y13B—11D1Z13B—11D1E02E—11C2E27E—11C2B02G—11C1B27G
*9—11D3Y12B—11D1Z12B—11D1E01R—11C2E2?R—11C2Y07A—11C1Y07A *A—11D3Y12B—11D1Z12B
*B—11D3Y12D—11D1Z12D—11D1E02A—11C2E2?A—11C2B02K—11C1B27K *C—11D3J28D—11D4J01D *D—11D3J28E—11D4J01E

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COMMENTS

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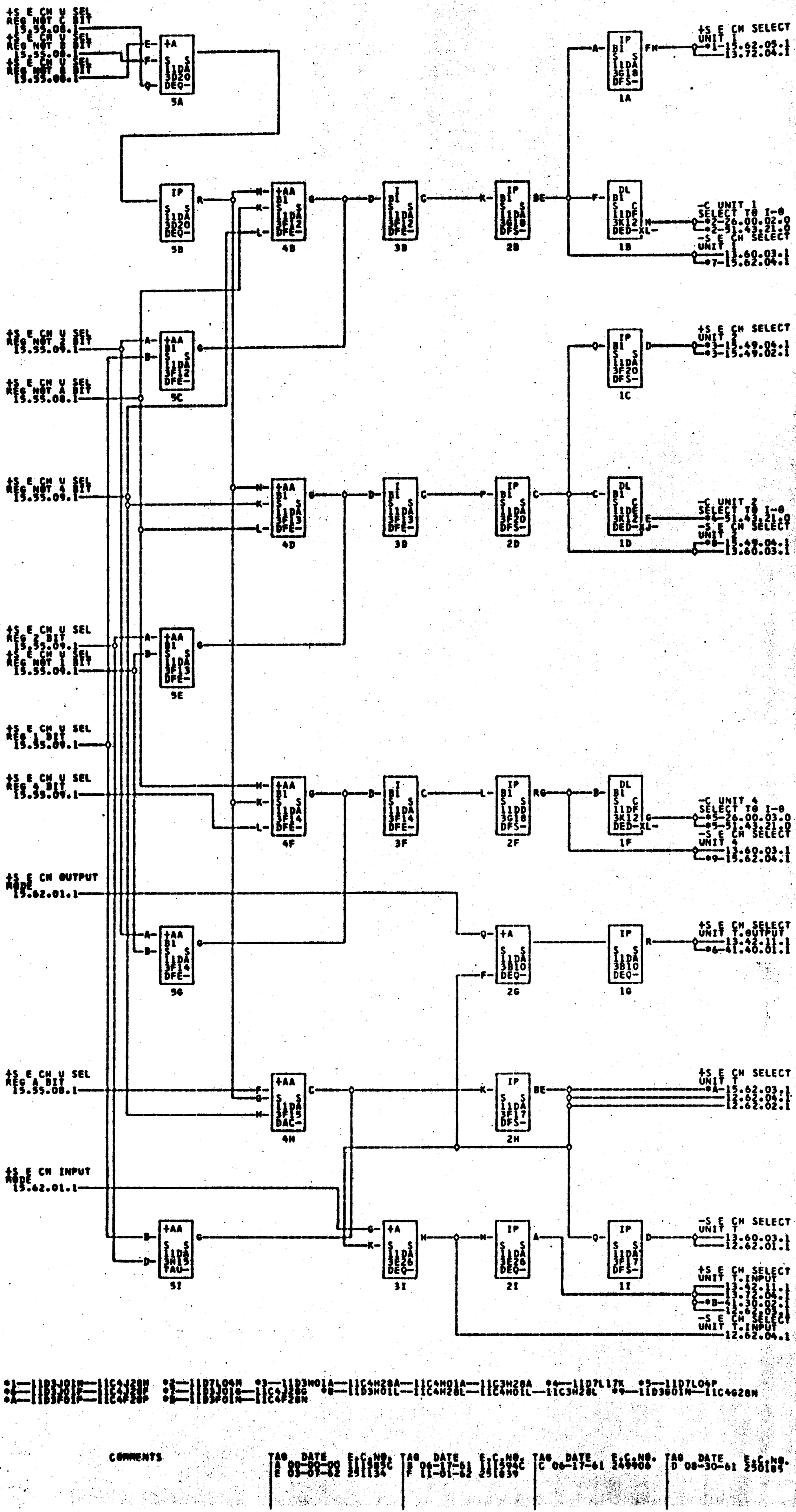


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*4—11D4F01A—11D3F28A—11D3B02Q—11C4B27Q—11C4J01C—11C3J28C—11C3Y24A—11C1Z24A *5—11D4Y10D—11D2Z10D
*6—11D4J01B—11D3J28B—11D3B02M—11C4B27M—11C4K02E—11C3K27E—11C3Y23D—11C1Z23D *7—11D4J01B—11D3J28B
*8—11D4B01F—11D3B28F *9—11D4E01R—11D3E28R—11D3B02P—11C4B27P—11C4K02C—11C3K27C—11C3A04H—11C1K04H
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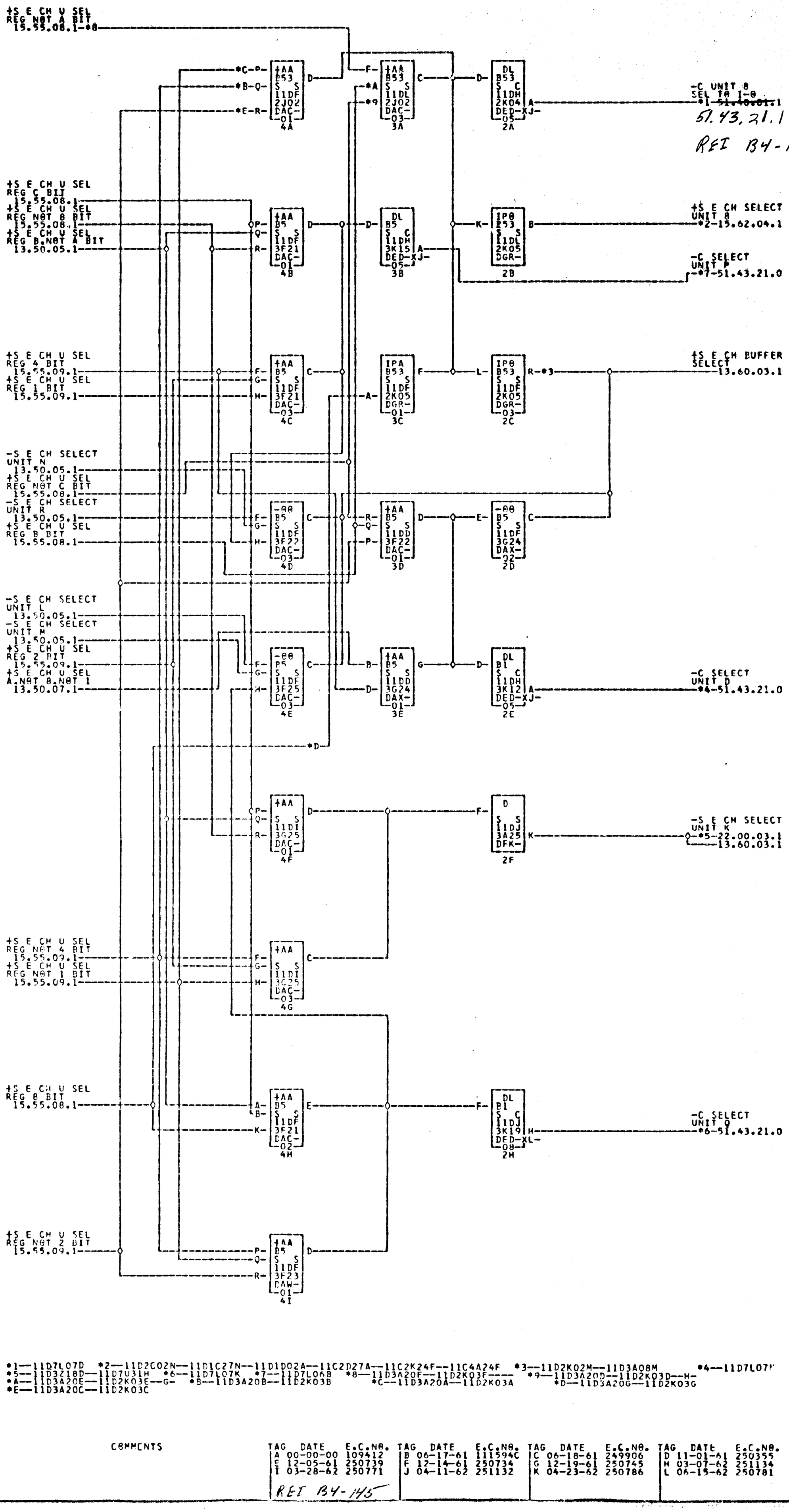
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E	02-28-62	251113	F	03-21-62	251143	G	05-08-62	251179	H	11-08-62	251829
I	11-22-63	253150									



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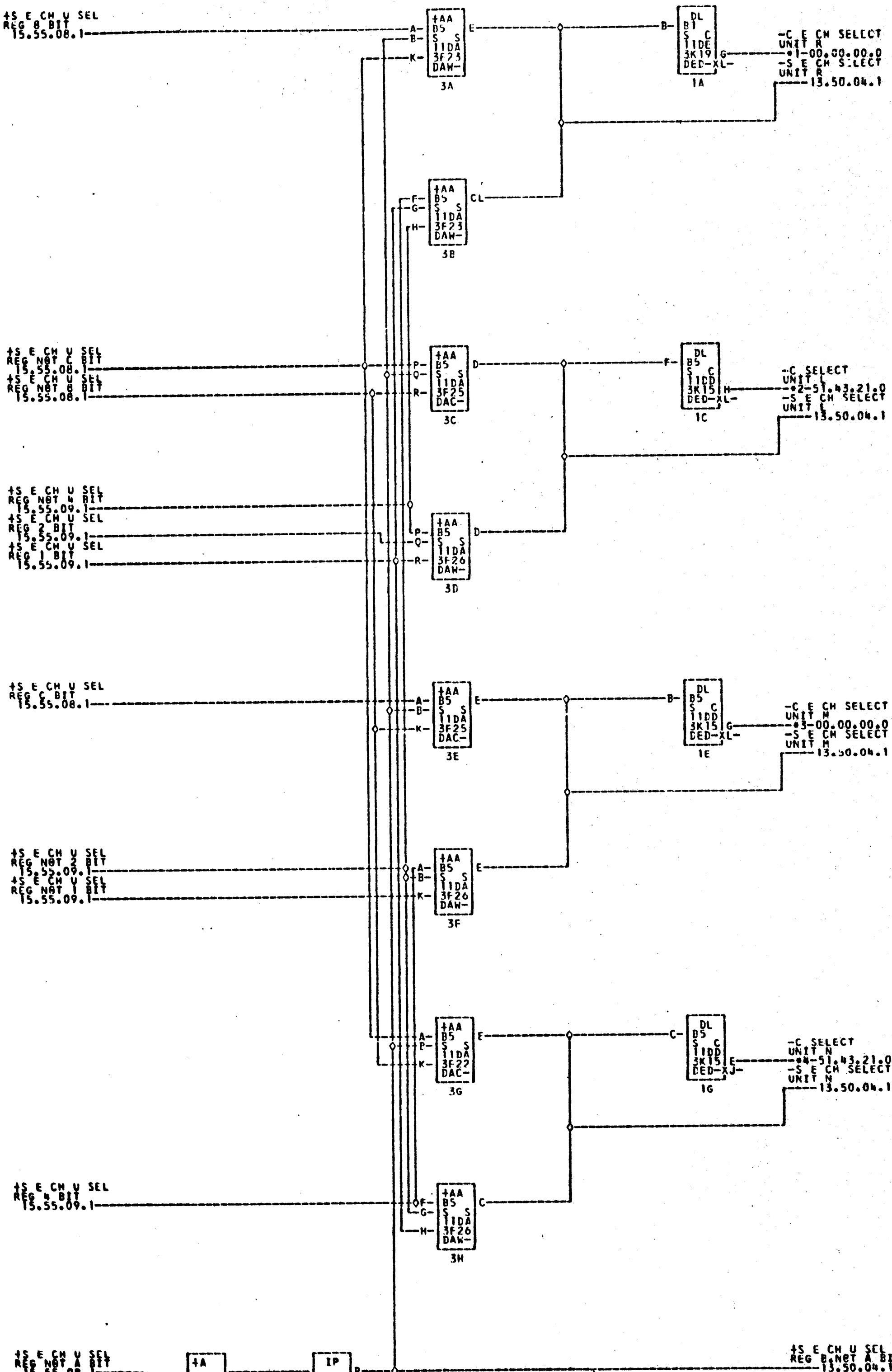
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E	03-07-62	251134	F	11-01-62	251839						



COMMENTS

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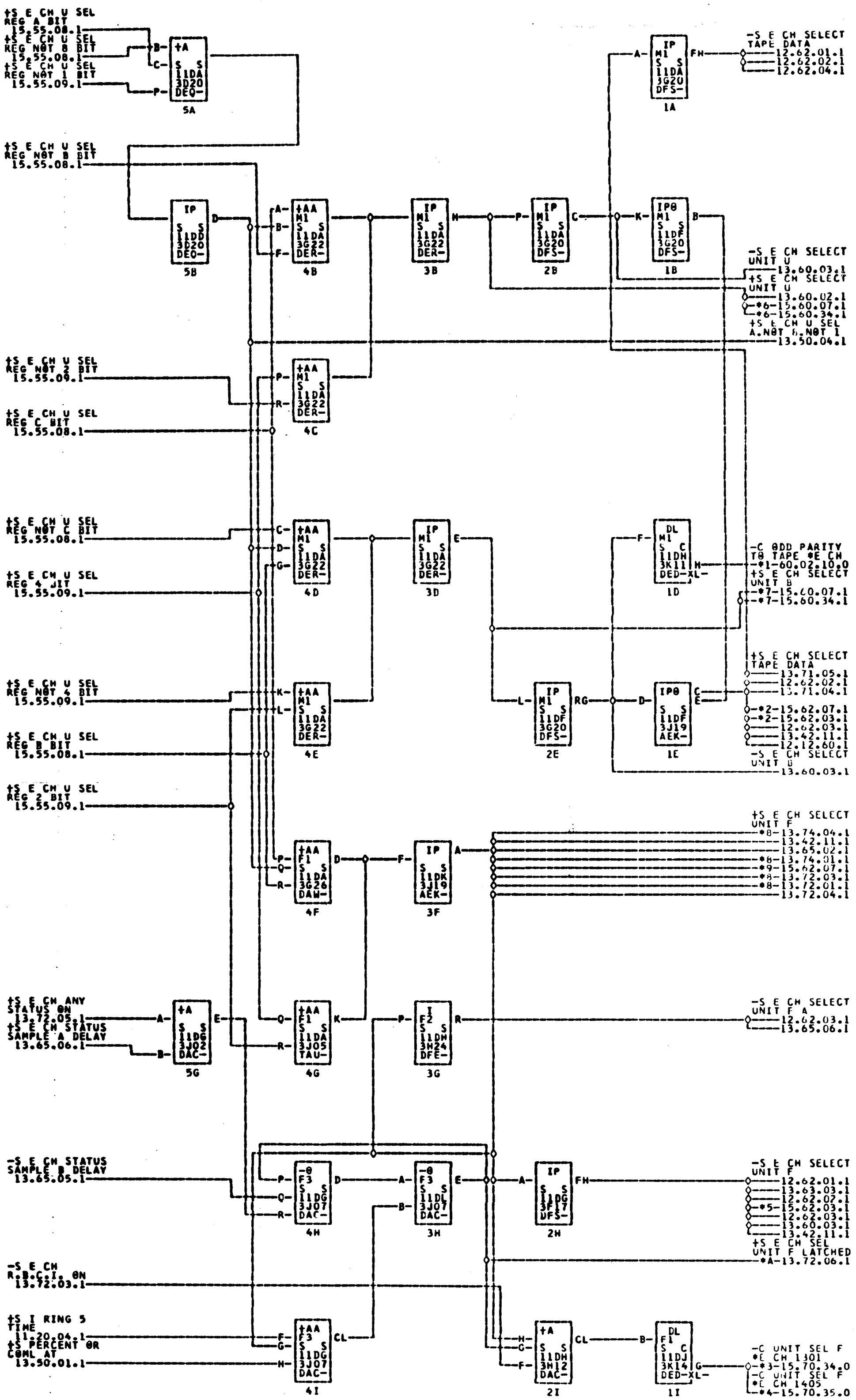
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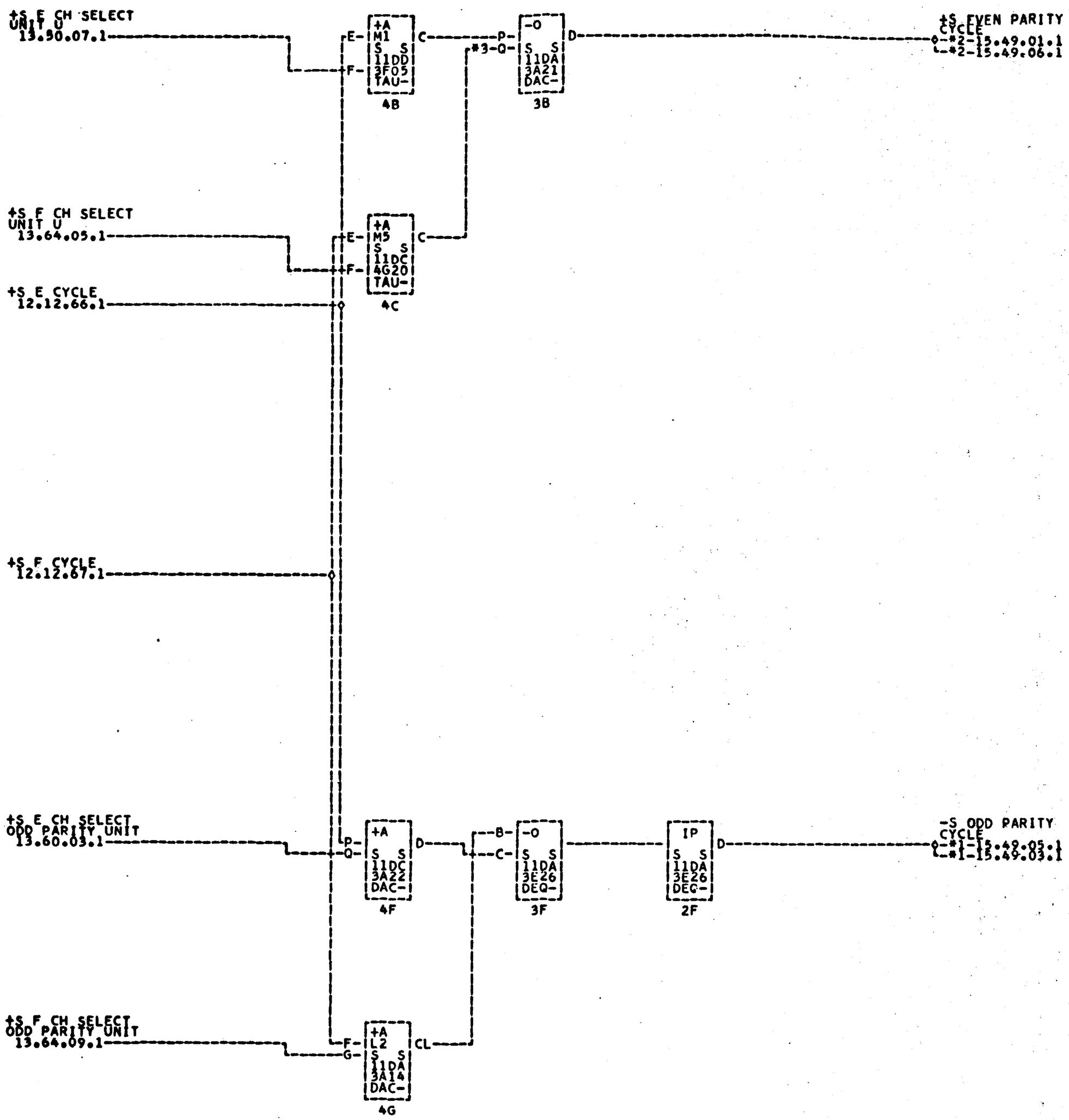
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E	04-12-62	250785									



*1—11D7L14F *2—11D3G01A—11C4G28A *3—11D7U02B *4—11D7L08K *5—11D3G01C—11C4G28C
*6—11D3K01A—11C4K28A—11C4J01D—11C3J28D *7—11D3K01C—11C4K28C—11C4J01E—11C3J28E
*8—11D3A07P—11D1K07P—11D1G27F—11D2G02F *9—11D3G01B—11C4G28B *A—11D3K27Q—11D1K27Q—11D1J27Q—11D2D28Q

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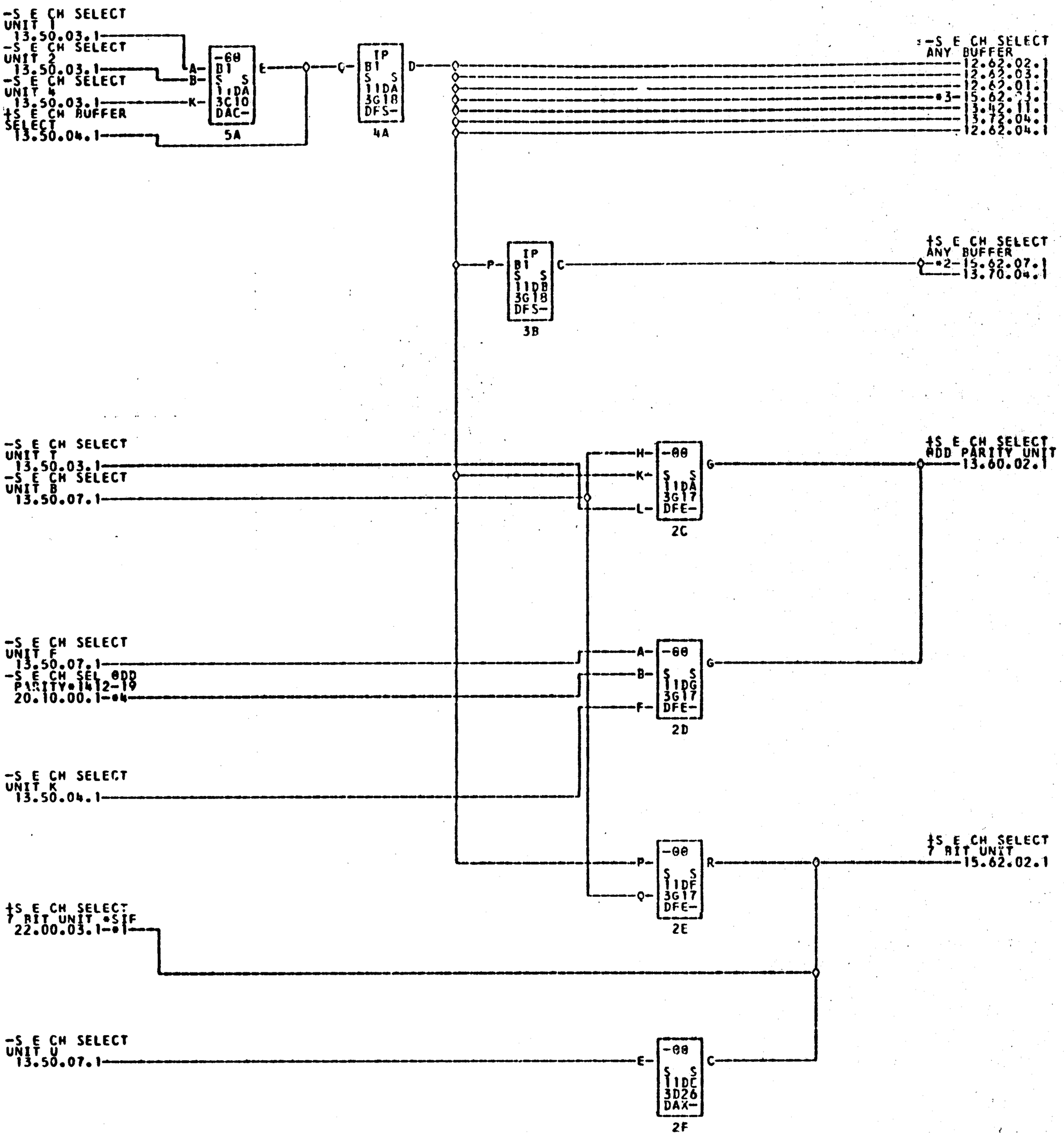
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E	11-24-61	250359	F	12-26-61	250748	G	01-24-62	250755	H	04-25-62	251102
I	07-17-62	250737	J	08-17-62	251809	K	11-08-62	251829	L	07-22-64	253912



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COMMENTS

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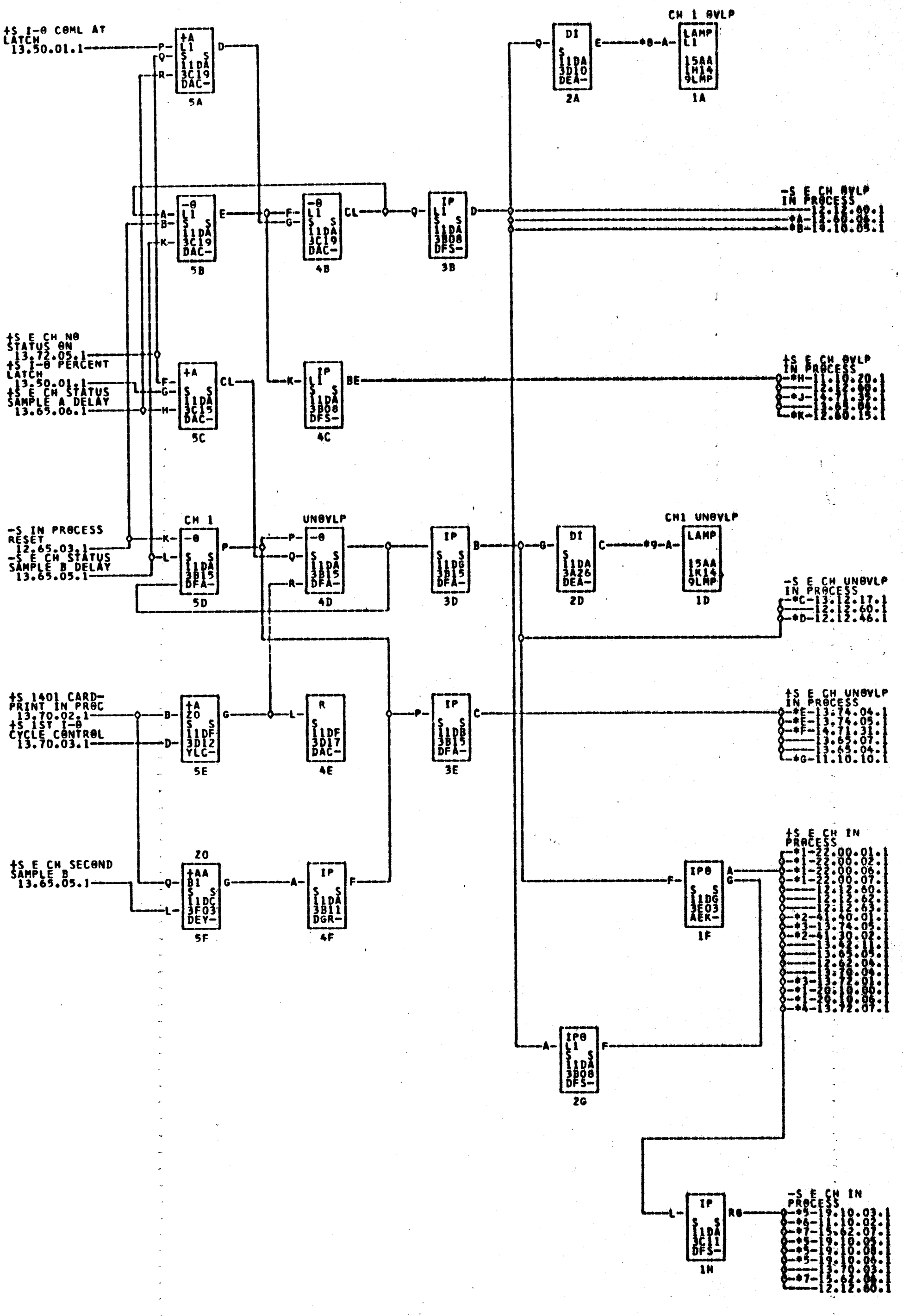


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COMMENTS

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E	04-05-62	250783	F	04-11-62	251132	G	04-23-62	250786			

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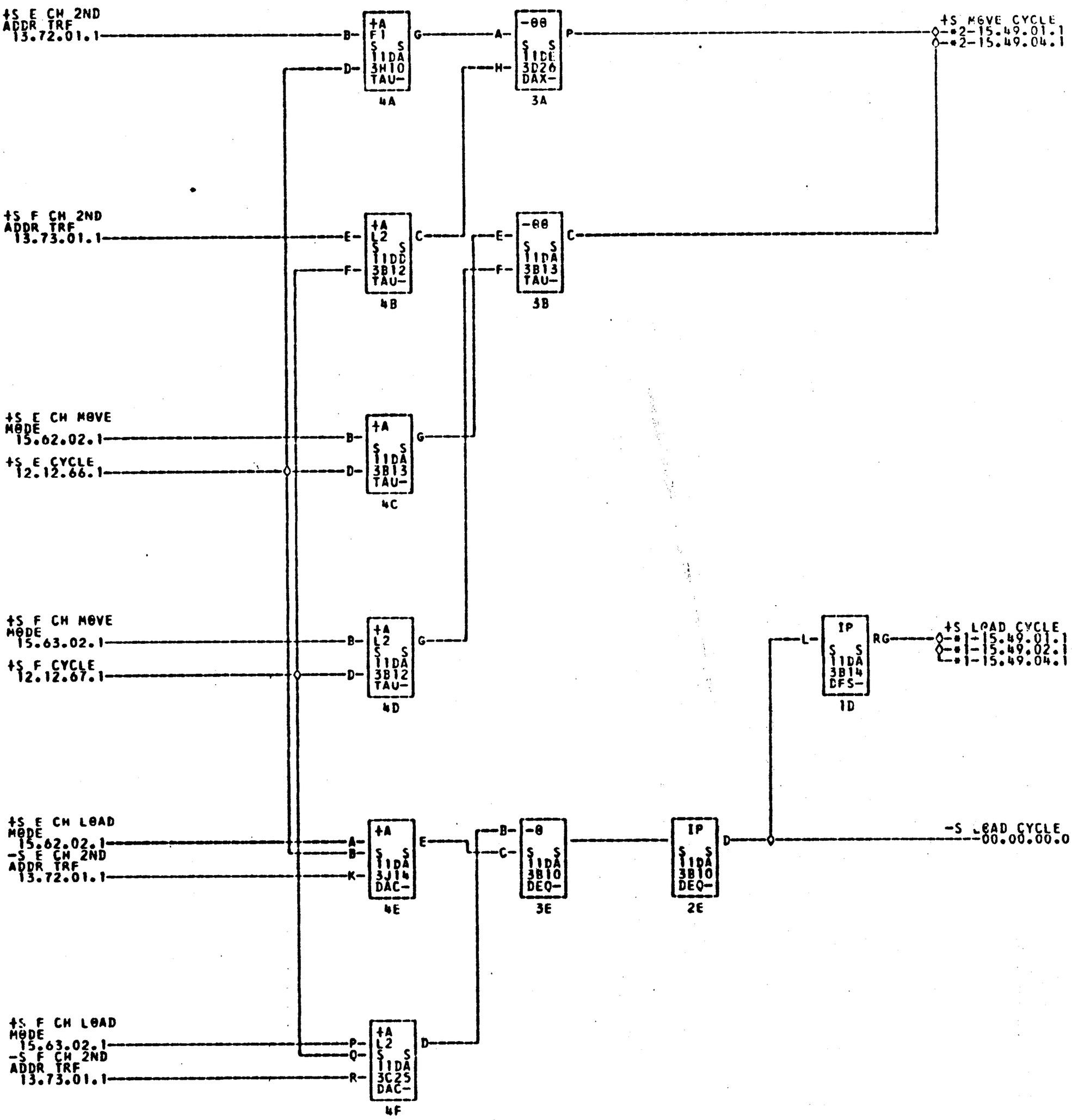


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*6--11D3A01B--11C4A28B--11C4Y27D--11C2Z27D *7--11D3A01B--11C4A28B *8--11D3K28P--11D7L21Q--15A4A17C--15A4A18C
*9--11D3K28D--11D7L21C--15A4A17E--15A4A18E *A--11D3Y28C--11D1Z28C *B--11D3K02B--11B4K28B *C--11D3A13C--11D1K13C
*D--11D3A13C--11D1K13C--11D1B02P--11C1J27P *E--11D3A03G--11D1K14G--11D1A18B--11D2A02B
*F--11D3F01M--11C4F28M--11C4Z07A--11C3Z07A--11C3Y22B--11C1Z22B *G--11D3F01M--11C4F28M--11C4Y24A--11C2Z24A
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*K--11D3A05A--11D1K05A

1

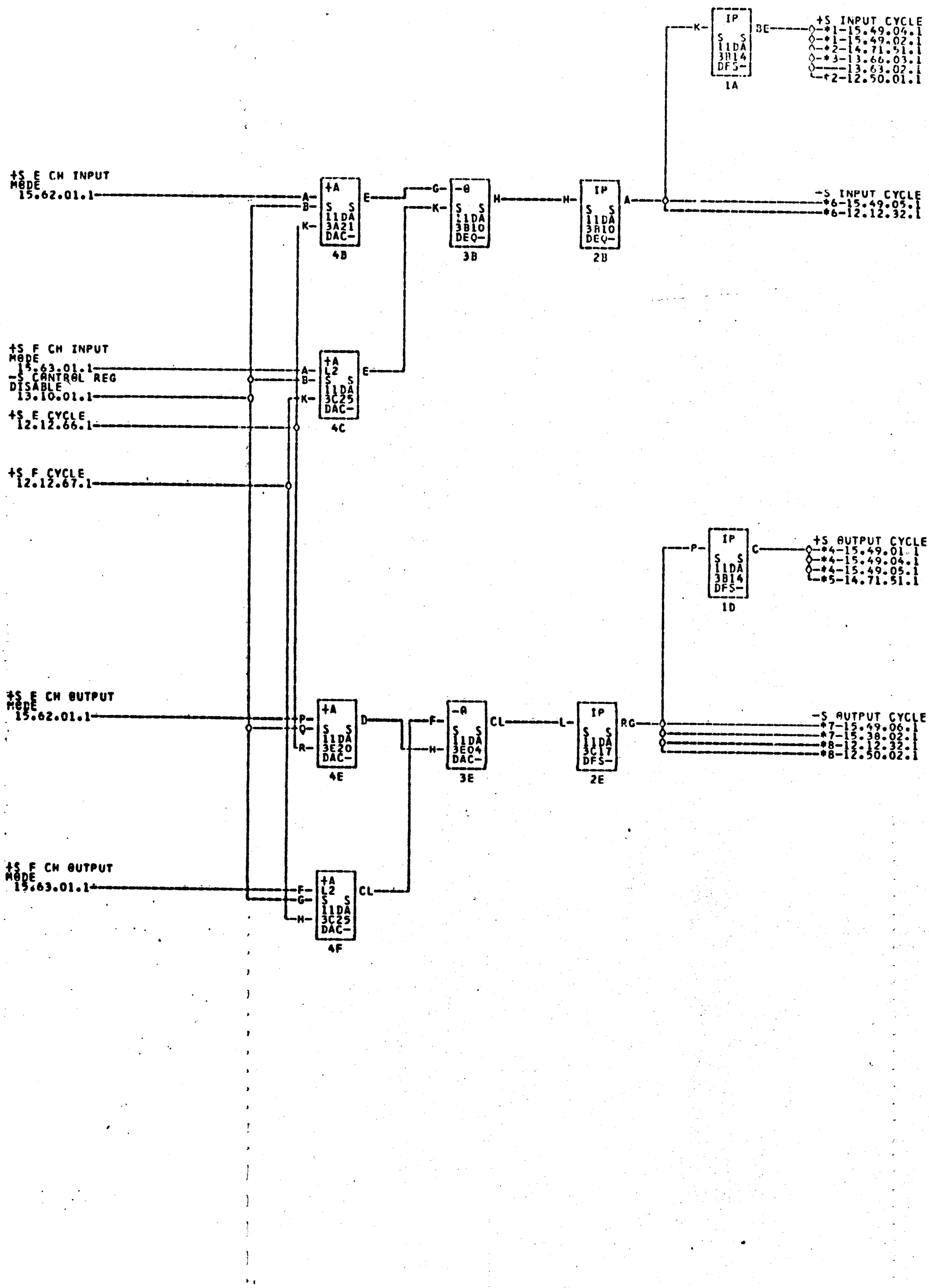
COMMENTS

TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.
A	06-13-62	251773	B	10-24-62	251844	C	11-13-62	251849	D	11-29-62	251850
E	02-06-63	252647	F	02-19-63	252652	G	12-13-63	253150			



•1—11D3B01K—11C4B28K—11C4G01B—11C3G28B •2—11D3B01H—11C4B28H—11C4G01D—11C3G28D

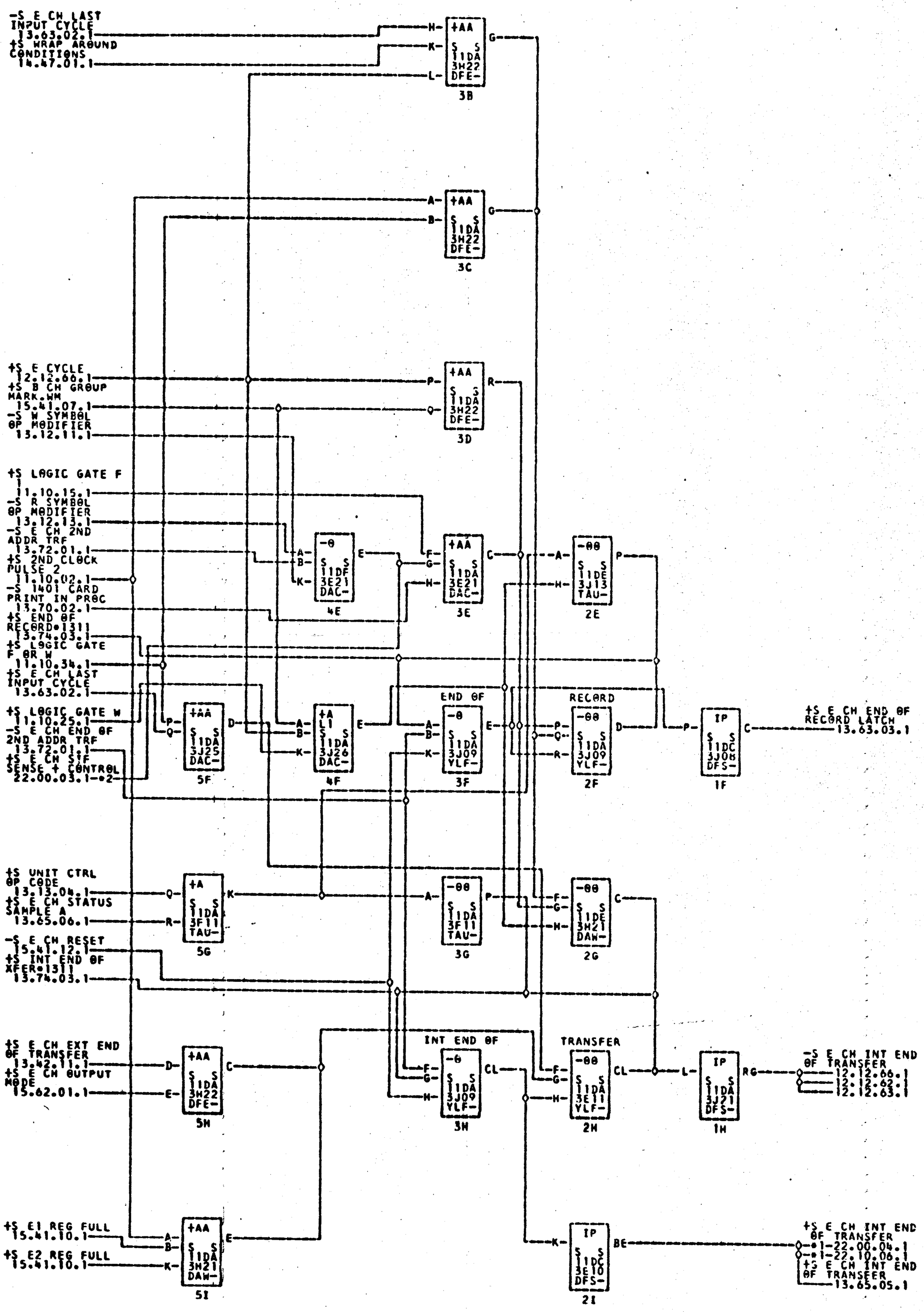
COMMENTS	TAG DATE E.C.NO.	TAG DATE E.C.NO.	TAG DATE E.C.NO.	TAG DATE E.C.NO.
	A 00-00-00 111590C E 03-28-62 250181	B 06-16-61 249906	C 08-25-61 250077	D 12-19-61 250745



*1—11D3B01B—11C4B28B—11C4G01Q—11C3G28Q *2—11D3B01B—11C4B28B—11C4G01Q—11C3G28Q—11C3Y28C—11C1Z28C
*3—11D3F27H—11D4F02H *4—11D3B01A—11C4B28A—11C4G01H—11C3G28H
*5—11D3B01A—11C4B28A—11C4G01H—11C3G28H—11C3Y28B—11C1Z28B
*6—11D3A01R—11C4A28R—11C4A02H—11C3A27H—11C3Y28D—11C1Z28D *7—11D3A01Q—11C4A28Q—11C4A01H—11C3A28H
*8—11D3A01Q—11C4A28Q—11C4A01H—11C3A28H—11C3Y22A—11C1Z22A

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
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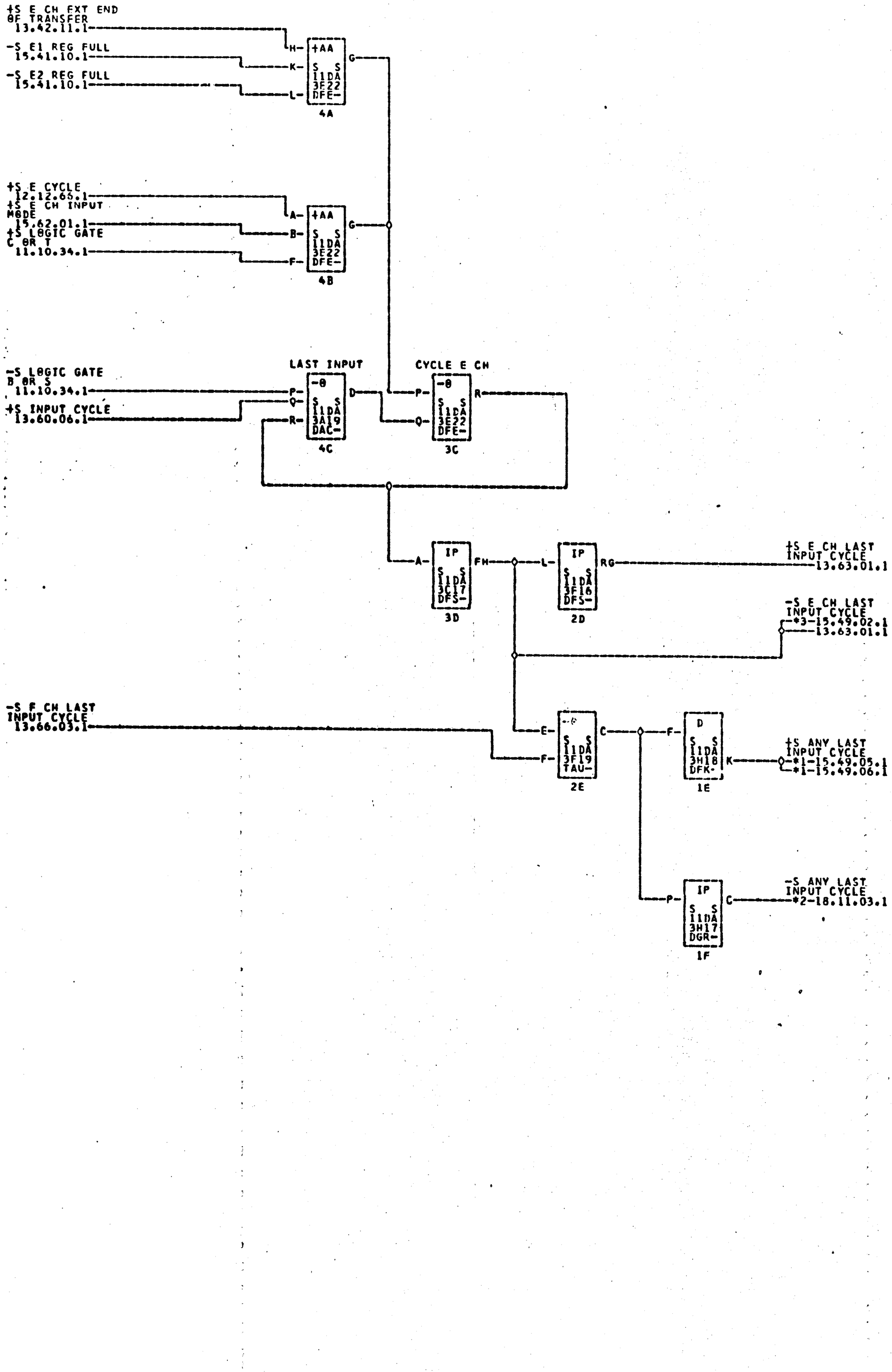


•1—11D3Z09B—11D7U27B •2—11D7U31R—11D3Z20D

1

COMMENTS
NOTE 1 CIR IN DWG LOC 2B FOR 20K ONLY
NOTE 2 CIR IN DWG LOC 2A AND 2D FOR 10K ONLY NOTE 3 J13 04 DO NOT USE LOAD

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	10-10-62	251825	D	10-23-62	251844	C	11-29-62	251850	D	12-04-62	251851
E	12-19-62	251829	F	12-28-62	251823						



*1—11D3F02M—11C4F27M—11C4J01N—11C3J28N *2—11D3A11G—11D1K11G—11D1G28A—11D2G01A
*3—11D3E02B—11C4E27B—11C4H02M—11C3H27M

1

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	06-13-62	251773									

A

+S O+V SYMBOL OP MODIFIER 13.12.18.1
-S E CH SELECT UNIT F 13.50.07.1
-S E1 REG FULL 15.41.10.1
-S E CH STROBE TRIGGER 15.62.03.1
+S PROGRAM RESET 12.65.04.1
-S E CH RESET CORR REC LENGTH 15.41.12.1
-S F OR K E CH RESET 15.41.12.1
-S E2 REG FULL 15.41.10.1
+S E CH END OF RECORD LATCH 13.63.01.1
+S E CH STATUS SAMPLE B 13.65.05.1
+S E CH READY BUS 12.62.01.1
-S E CH BUSY BUS 12.62.02.1
-S E CH FILE.NO TRANSFER BUS 13.72.04.1
+S B CH GROUP MARK.WM 15.41.07.1
+S FILE OP 13.74.01.1
+S E CH STATUS SAMPLE A 13.65.06.1
-S E CH RESET 15.41.12.1
-S O+V SYMBOL OP MODIFIER 13.12.18.1
+S FILE RING 7 LATCH 13.74.02.1
-S E CH CHECK BUS 12.62.03.1
-S E CH UNIT NUMBER O 15.55.04.1
-S FILE SET E CH NO TRANS B 13.72.04.1
+S E CH 2 CHAR ONLY OP CODES 13.14.12.1
+S FILE OP.D CY .EXTENSION 13.74.01.1
+S E CH UNIT NUMBER O 15.55.04.1
+S E CH UNGATED SAMPLE A 13.65.06.1
+S UNIT CTRL OP CODE 13.13.04.1
-S M SYMBOL OP MODIFIER 13.12.13.1
+S E CH STATUS SAMPLE A DELAY 13.65.06.1
+S E CH ANY STATUS ON 13.72.05.1
+S LOGIC GATE E 11.10.14.1
+S 1401 MODE 12.65.10.1

4A +AA S S 11DA 3G09 DFE-
2A +A Y1 S S 11DA 3H27 DAC-
1A -00 Y1 S S 11DA 3H27 DAC-
4B +AA S S 11DA 3G16 DAC-
3B D S S 11DA 3A25 DFK-
4C E CH -0 S S 11DA 3E11 YLF-
3C +A S S 11DA 3E17 TAU-
2C CLR -00 S S 11DA 3E11 YLF-
4D -0 S S 11DA 3C15 DAC-
3D -0 F8 S S 11DC 3G23 TAU-
2D +AA F2 S S 11DA 3H24 DFE-
4E +AA F2 S S 11DB 3H16 DAC-
3E +A S S 11DA 3D19 DAC-
2E +AA F2 S S 11DA 3H24 DFE-
5F -0 F1 S S 11DB 3G26 DAW-
4F +AA F1 S S 11DA 3J05 TAU-
3F E CH -0 S S 11DA 3E07 TAU-
2F WLR -0 S S 11DD 3F18 DAC-
5G +AA 20 S S 11DA 3H25 TAU-
4G +A S S 11DA 3C16 TAU-
3G -00 S S 11DC 3E27 DAC-
2G D S S 11DE 3H18 DFK-
1G NOTE I S S 11DE 3G08 DFE-
4H +A S S 11DA 3D19 DAC-
3H -00 S S 11DA 3D18 DAW-
2H DI S 11DA 3E06 DEA-
1H CH 1 WLR LAMP 15AA 1H16 9LMP
5I +AA 20 S S 11DA 3H25 TAU-
3I +A S S 11DA 3F15 DAC-
1I PL F1 S C 11DD 3K14 DED-XJ-

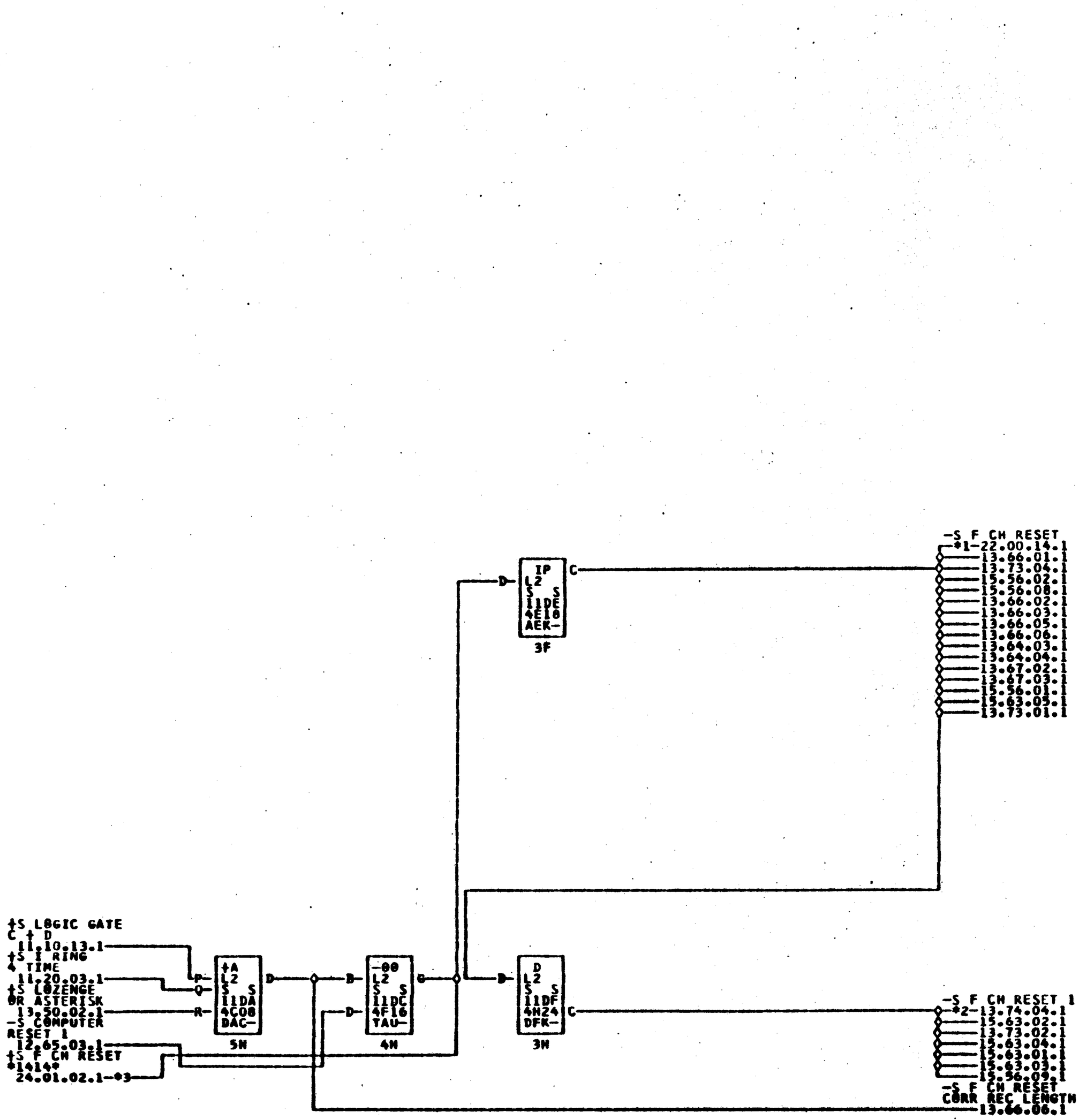
+S E CH CORRECT LENGTH RECORD *3-13.70.04.1
-S E CH CORRECT LENGTH RECORD *5-13.60.06.1 *6-13.72.05.1
-S E CH FILE SET WSL ADDR 13.72.04.1
+S FILE WRONG LENGTH ADDR CON *8-13.65.02.1 *8-13.66.06.1
+S E CH WRONG LENGTH REC COND 13.65.02.1
+S E CH WRONG LENGTH RECORD *2-15.41.12.1 *2-12.60.02.1
+S E CH WLR *1311-1401 13.65.02.1
-S E CH WRONG LENGTH RECORD *3-13.70.04.1 13.72.03.1 13.72.05.1
-C W.L.R. TO FILE E CH *1-15.70.35.0

*1-11D7L10N *2-11D3V08D-11D1Z08D *3-11D3V18C-11D1Z18C-11D1H28N-11D2H01N
*4-11D3K28K-11D7L23K-15A4A17Q-15A4A18Q *5-11D3V08C-11D1Z08C *6-11D3B28D-11D4B01D

1 NOTE THIS BLOCK IS PRESENT ONLY WHEN 1311 S ARE ON SYSTEM.

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	10-10-62	251825	B	11-01-62	251848	C	11-13-62	251849	D	12-19-62	251829
E	10-12-63	253322									

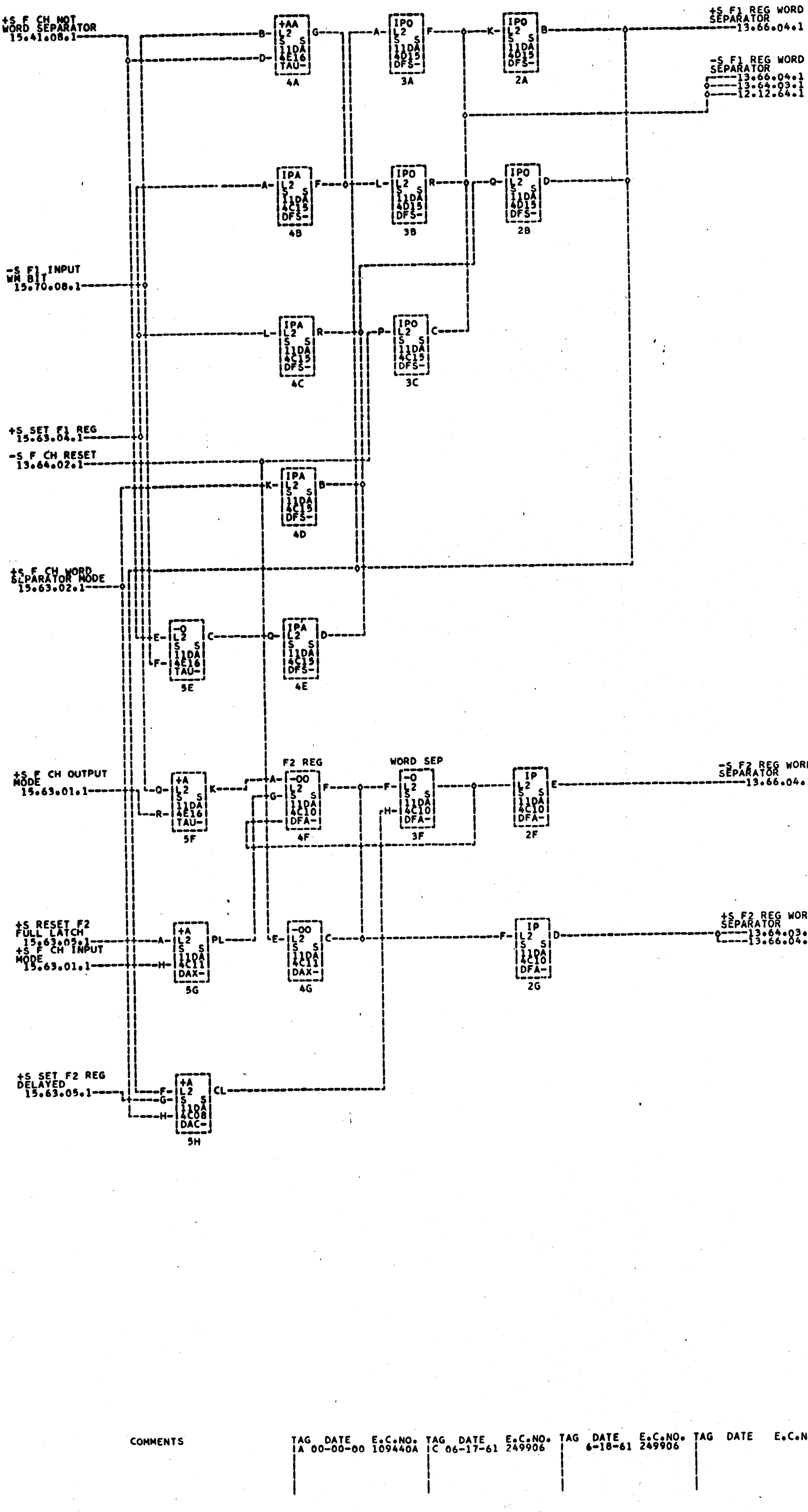


*1—11D4Z17B—11D7U43B *2—11D4Y21B—11D2Z21B *3—11D7U49A—11D4Z21A

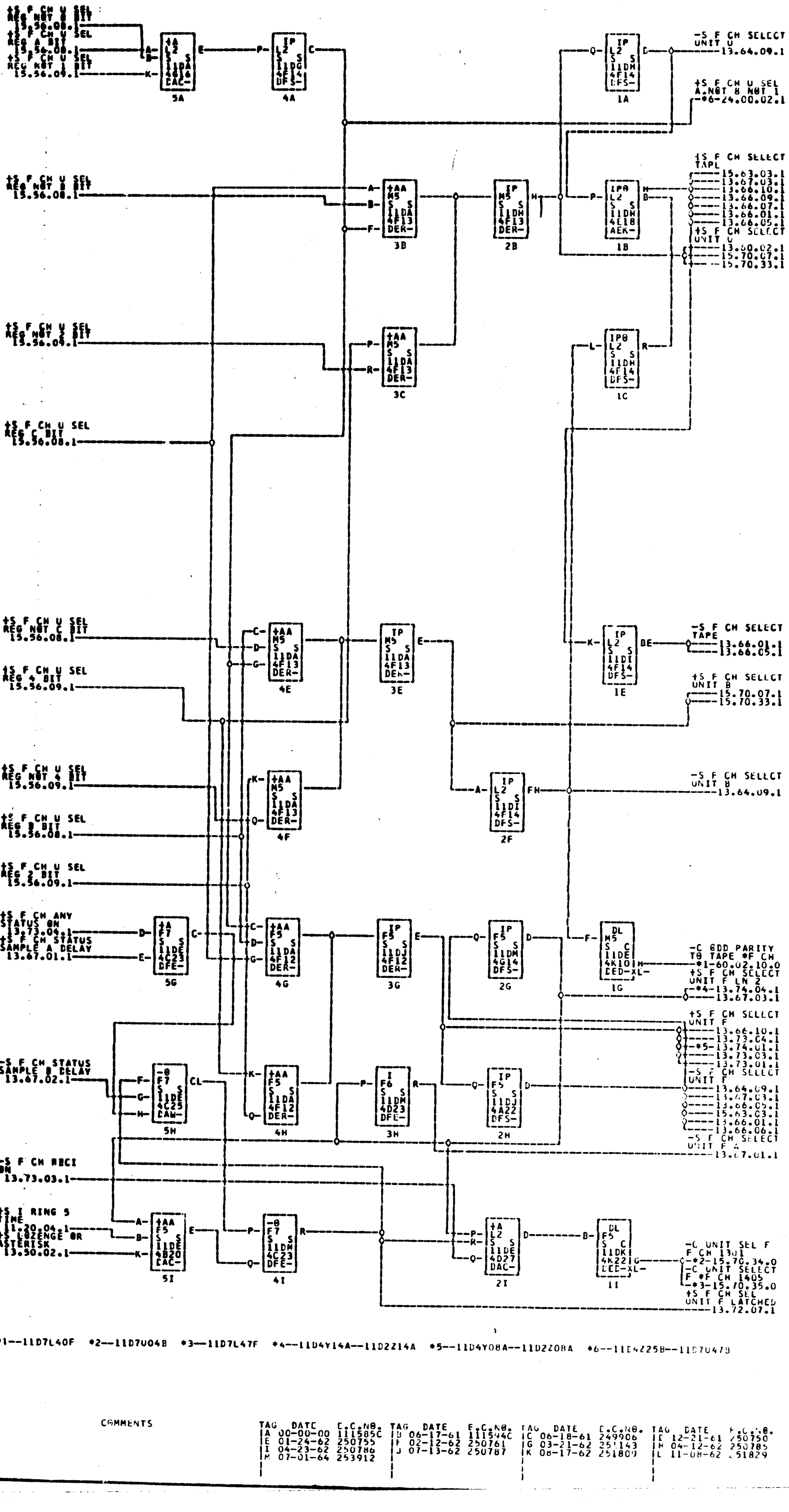
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109440A	B	06-16-61	249906	C	03-21-62	251143	D	04-11-62	251132
E	05-11-62	251759	F	11-08-62	251829	G	03-26-63	252659			

2



COMMENTS	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
	A	00-00-00	109440A	C	06-17-61	249906		6-18-61	249906			

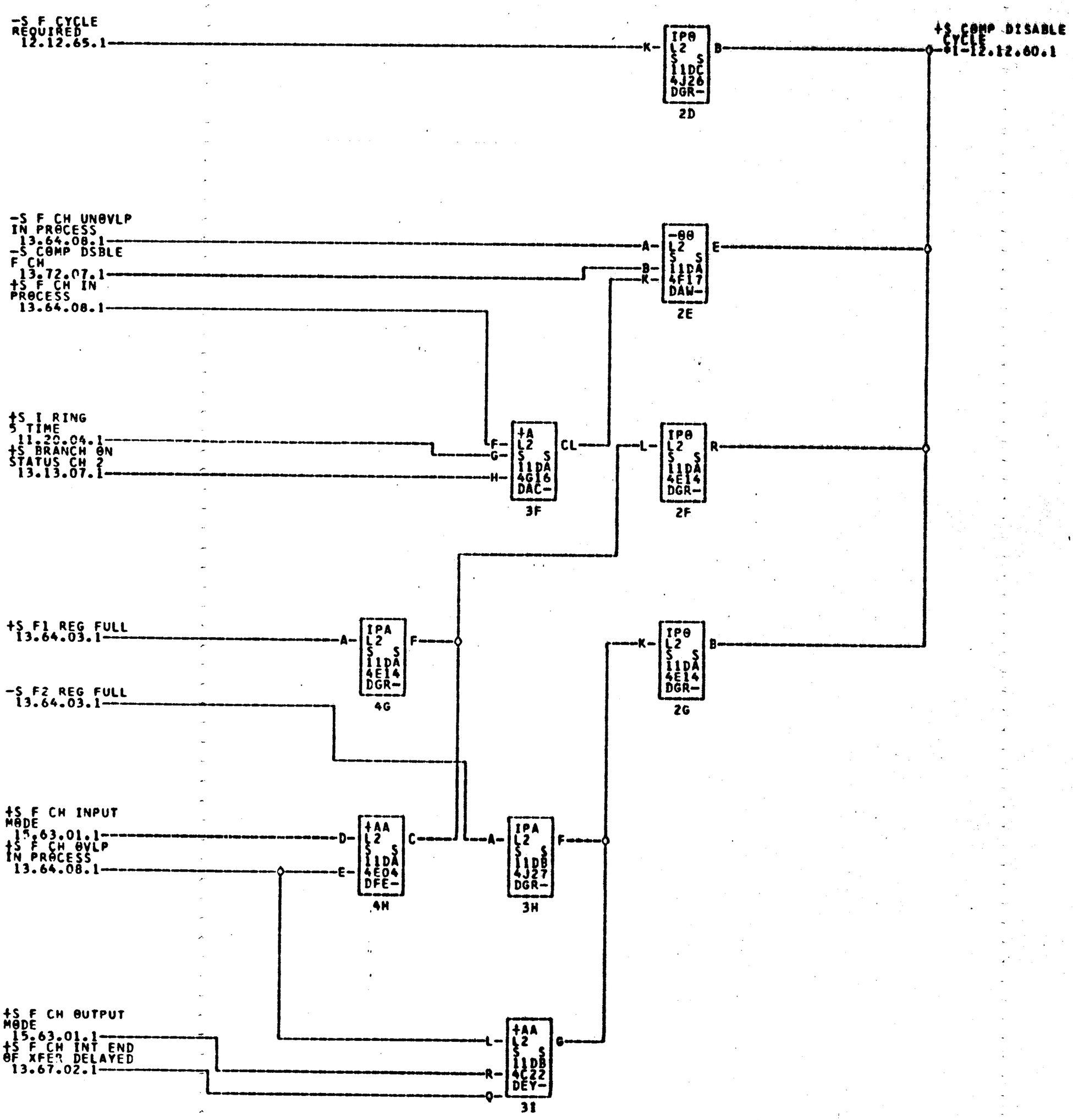


*1--11D7L40F *2--11D7U04B *3--11D7L47F *4--11D4Y14A--11D2Z14A *5--11D4Y08A--11D2Z08A *6--11D4225B--11D7U47B

COMMENTS

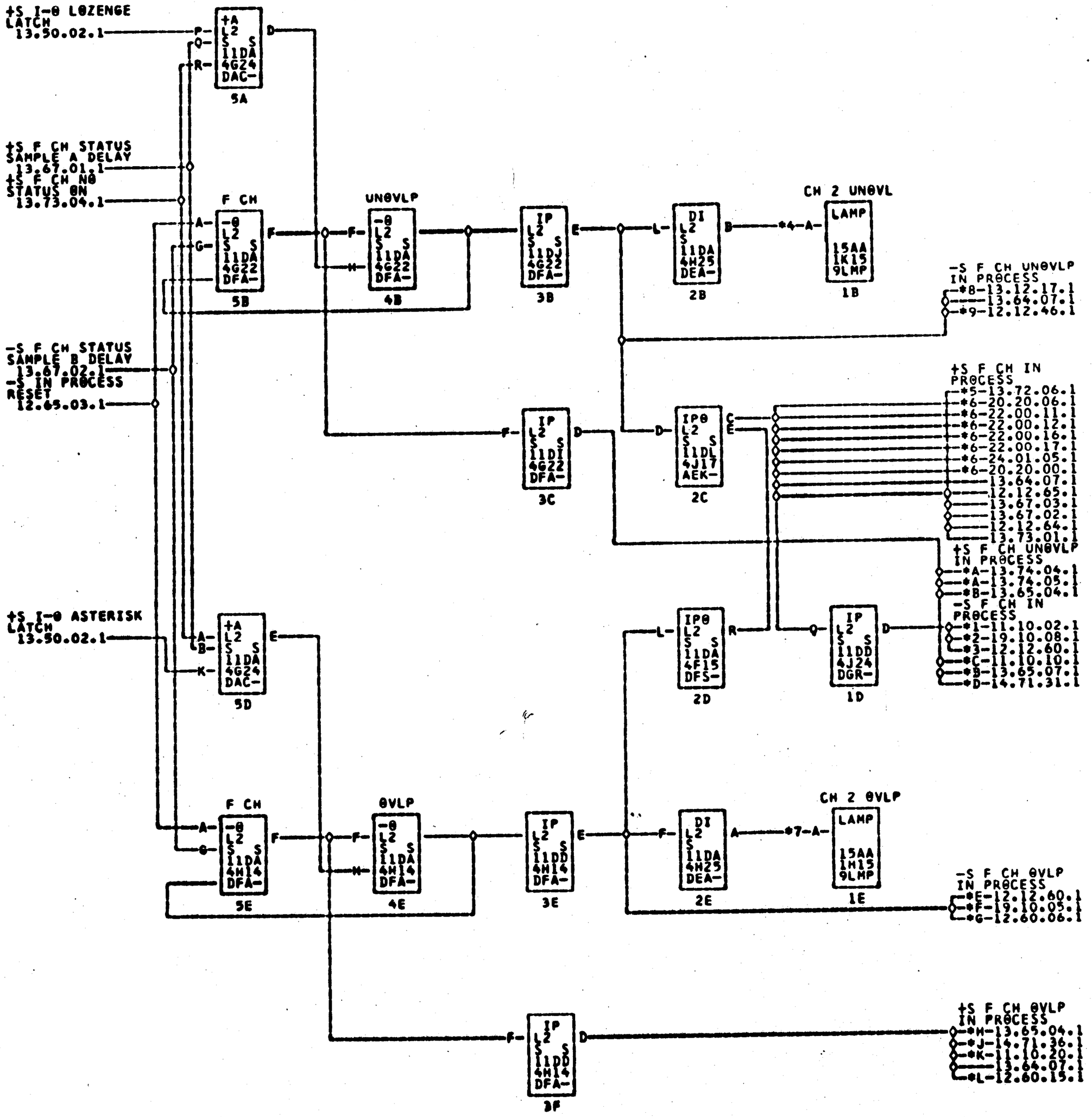
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111585C	B	06-17-61	111594C	C	06-18-61	249906	D	12-21-61	250750
E	01-24-62	250755	F	02-12-62	250761	G	03-21-62	251143	H	04-12-62	250785
I	04-23-62	250786	J	07-13-62	250787	K	08-17-62	251809	L	11-08-62	251829
M	07-01-64	253912									

A



COMMENTS

TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.
A	06-13-62	251773	B	10-04-62	251825	C	11-29-62	251850	D	12-12-63	253150

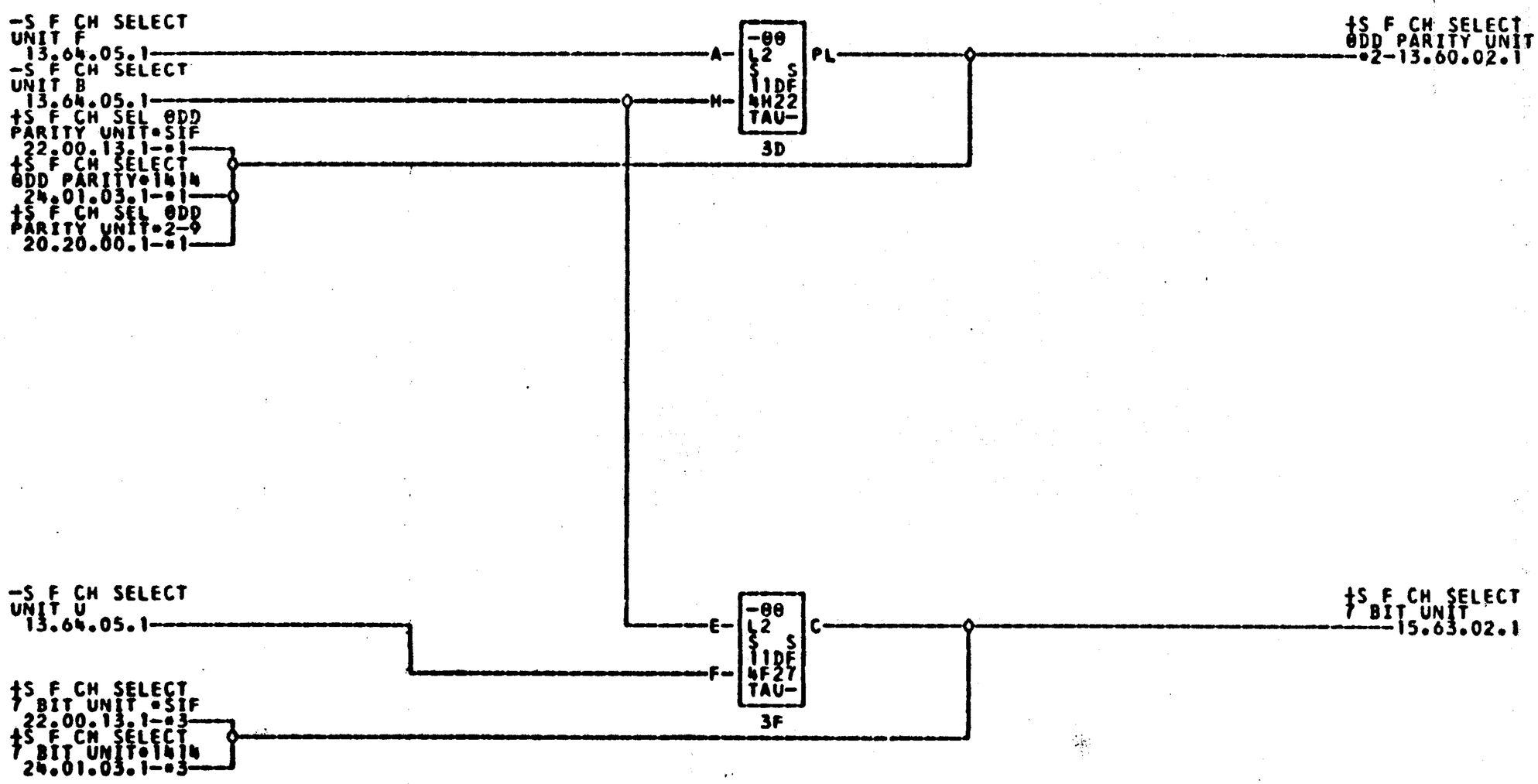


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*3—11D4A01A—11D3A28A *4—11D4K28F—11D7L30E—15A4A17F—15A4A18F *5—11D4Y09A—11D2Z09A *6—11D4Z12B—11D7U39P
*7—11D4K28E—11D7L32E—15A4A17D—15A4A18D *8—11D4B01E—11D3B28E—11D3A12G—11D1K12G—11D1H01D
*9—11D4B01E—11D3B28E—11D3A12G—11D1K12G—11D1H01D—11C2H28D—11C2H02K—11C1H27K *A—11D4Y03A—11D2Z03A
*B—11D4F01N—11D3F28N *C—11D4F01N—11D3F28N—11D3B02L—11C4B27L—11C4Y24B—11C2Z24B
*D—11D4F01N—11D3F28N—11D3B02L—11C4B27L—11C4K02G—11C3K27G—11C3Y23C—11C1Z23C *E—11D4F01M—11D3F28M
*F—11D4F01M—11D3F28M—11D3K02D—11B4K28D *G—11D4F01M—11D3F28M—11D3Y28B—11D1Z28B *H—11D4F01L—11D3F28L
*J—11D4F01L—11D3F28L—11D3F01L—11C4F28L—11C4Y25D—11C2Z25D—11C2F01H—11C1F28H
*K—11D4F01L—11D3F28L—11D3F01L—11C4F28L—11C4Y25D—11C2Z25D *L—11D4F01L—11D3F28L—11D3A05B—11D1K05B

1

COMMENTS

TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.
A	00-00-00	111590C	B	06-17-61	111594C	C	06-18-61	249906	D	01-03-62	250759
E	03-21-62	251143	F	04-11-62	251132	G	04-23-62	250786	H	09-27-62	251799
I	11-08-62	251829	J	02-06-63	252647	K	06-15-63	252960	L	11-22-63	253150

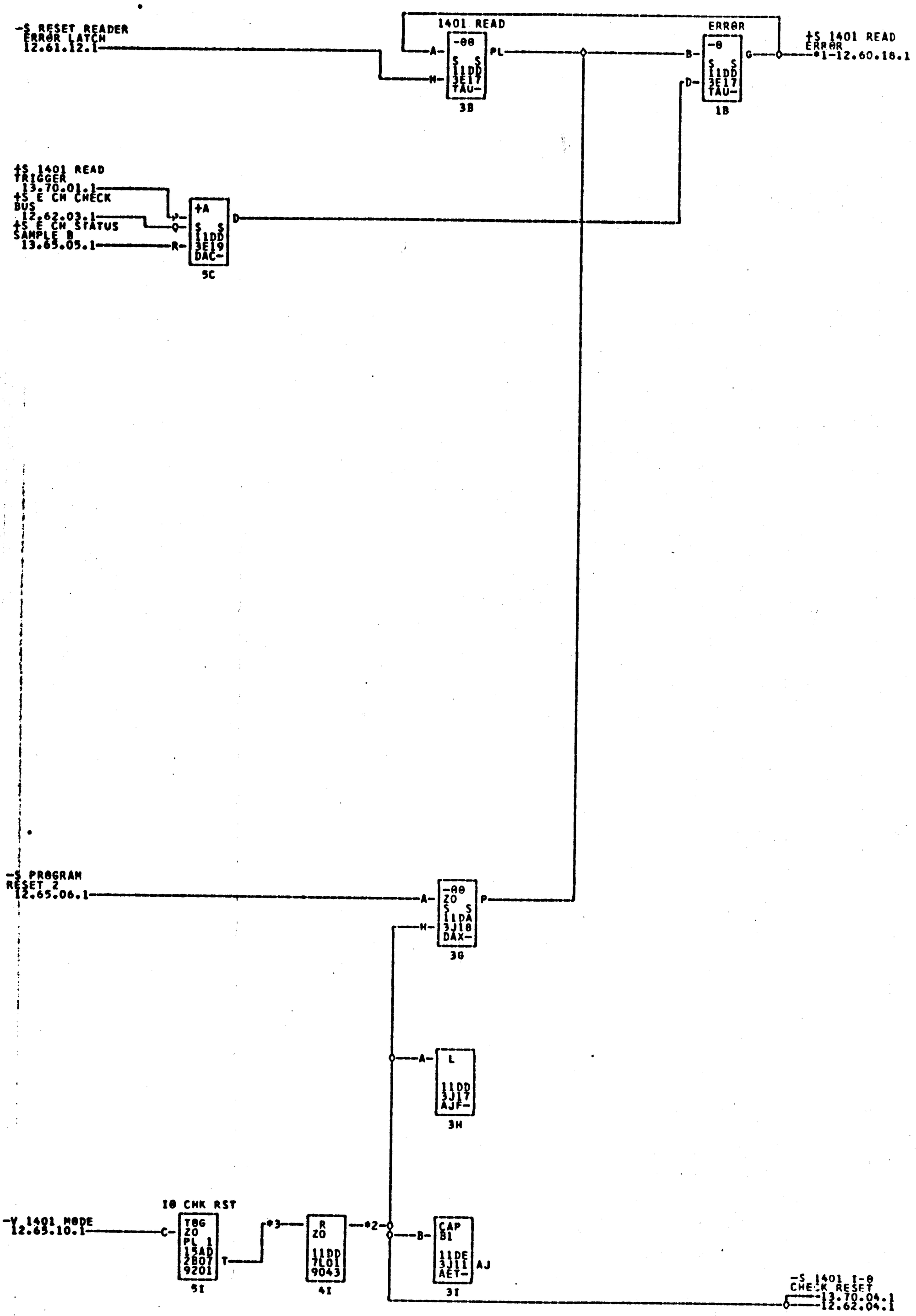


•1—11D7U39N—11D4212A •2—11D4A01M—11D3A28M •3—11D7U43H—11D4218D

1

COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	109426
B	06-17-61	249906
C	01-03-62	250759
D	02-09-62	251099
E	03-21-62	251143
F	04-11-62	251132

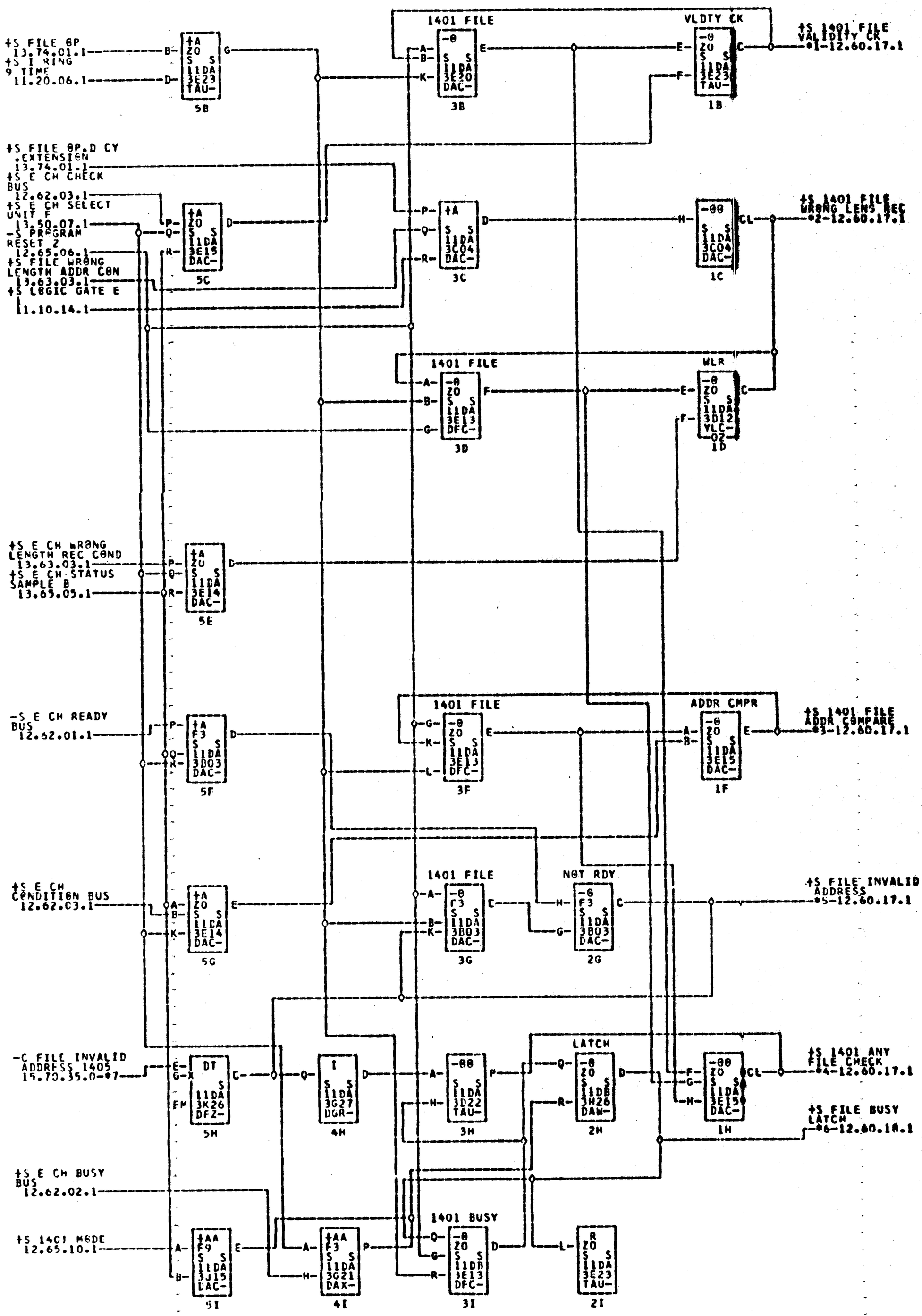


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COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-16-61	249906	C	02-12-62	250761	D	04-12-62	250785
E	08-02-62	251771									

4



1

COMMENTS

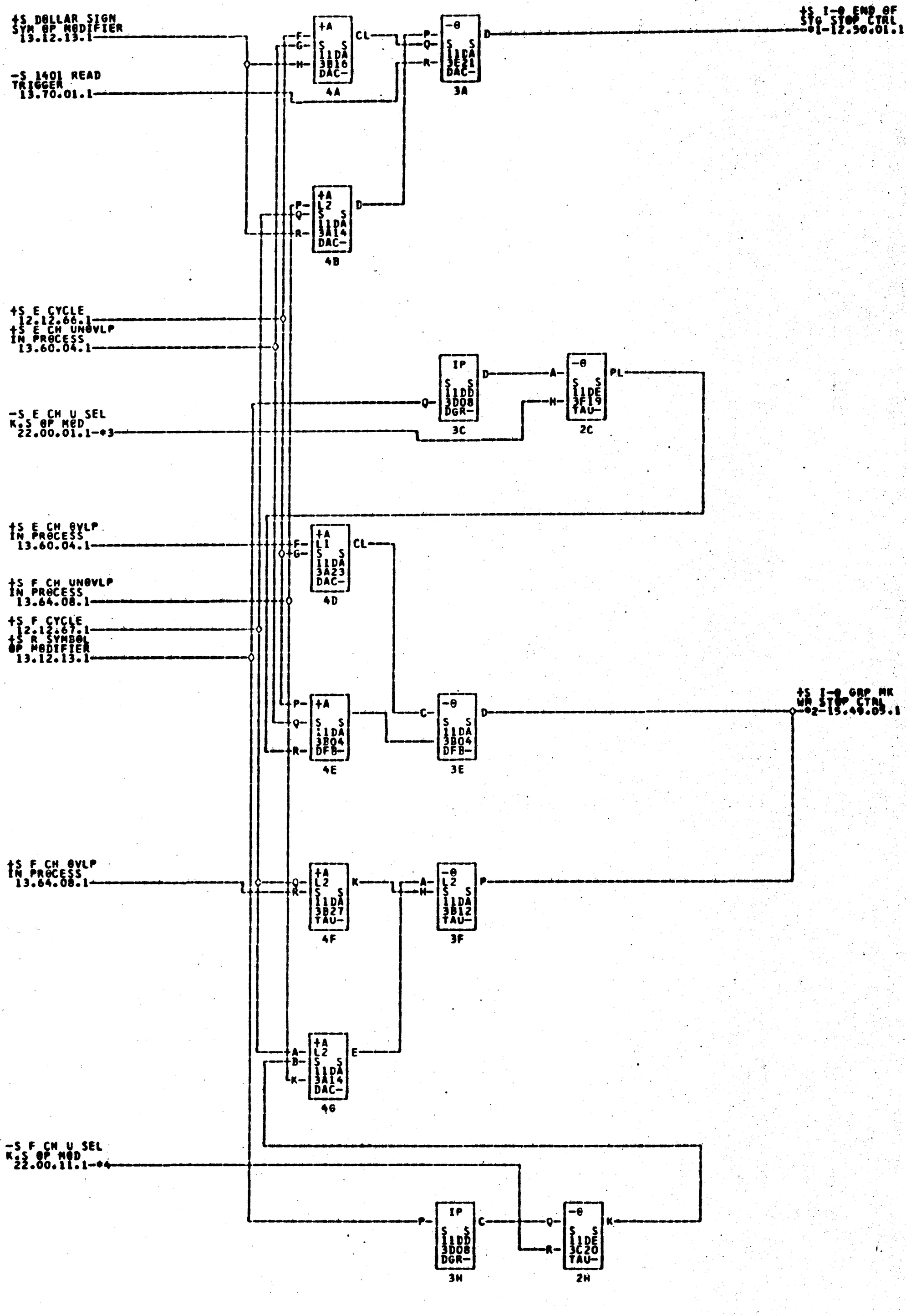
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	02-20-63	252652	B	08-21-63	253146	D	11-17-64	253888			



•1—11D3Y25B—11D1Z25B

COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	109412
B	06-16-61	249906
C	02-10-62	250761
D	04-12-62	250785

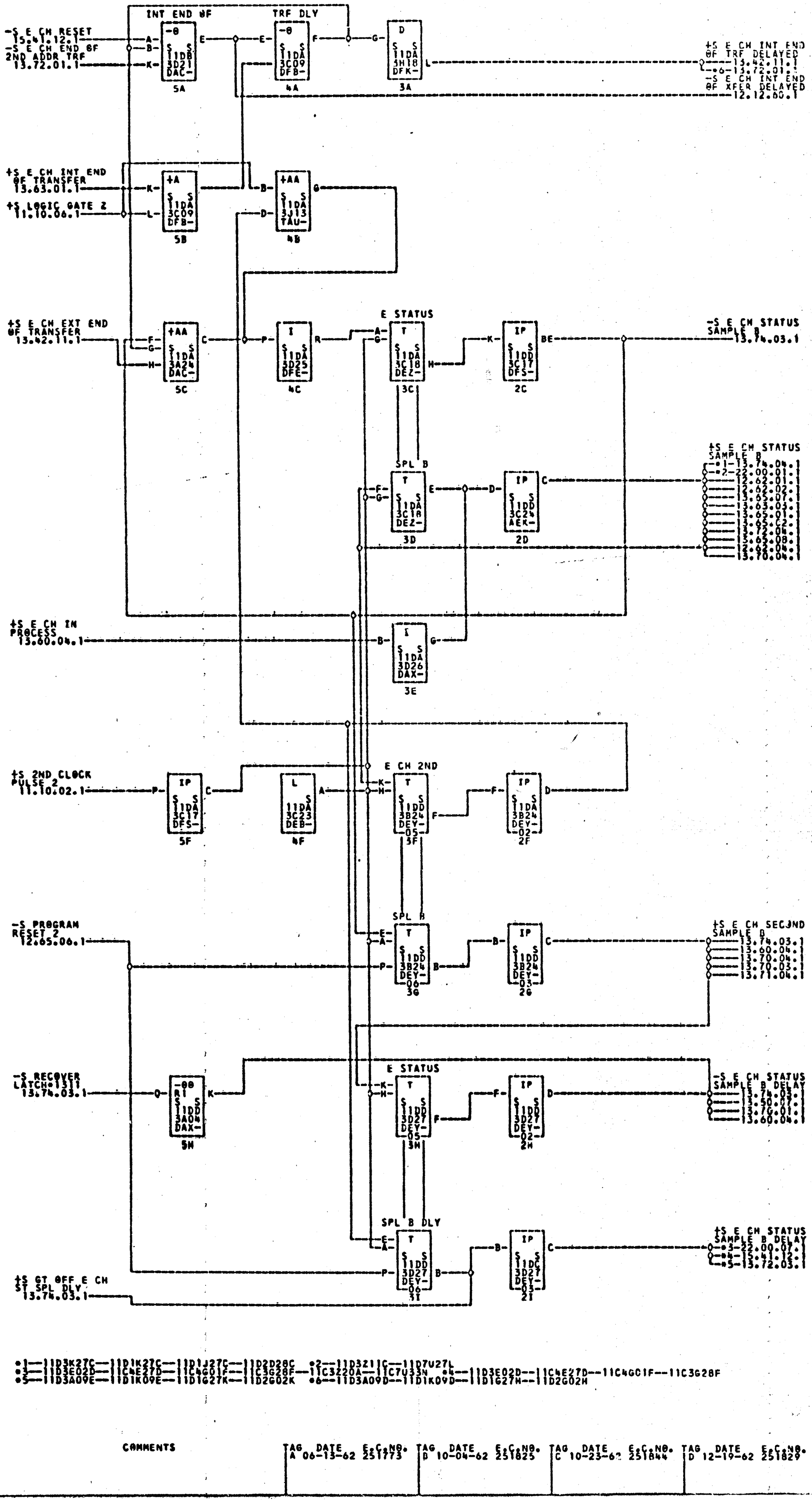


*1--11D3B02R--11C4B27R--11C4B02R--11C3B27R--11C3A04N--11C1K04N *2--11D3C02A--11C4C27A--11C4C02A--11C3C27A
*3--11D7U27Q--11D3Z12C---- *4--11D7U33K--11D3Z23B----

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-16-61	111594C	C	06-17-61	249906	D	04-05-62	250783
E	04-11-62	251132	F	10-12-62	251824						

A

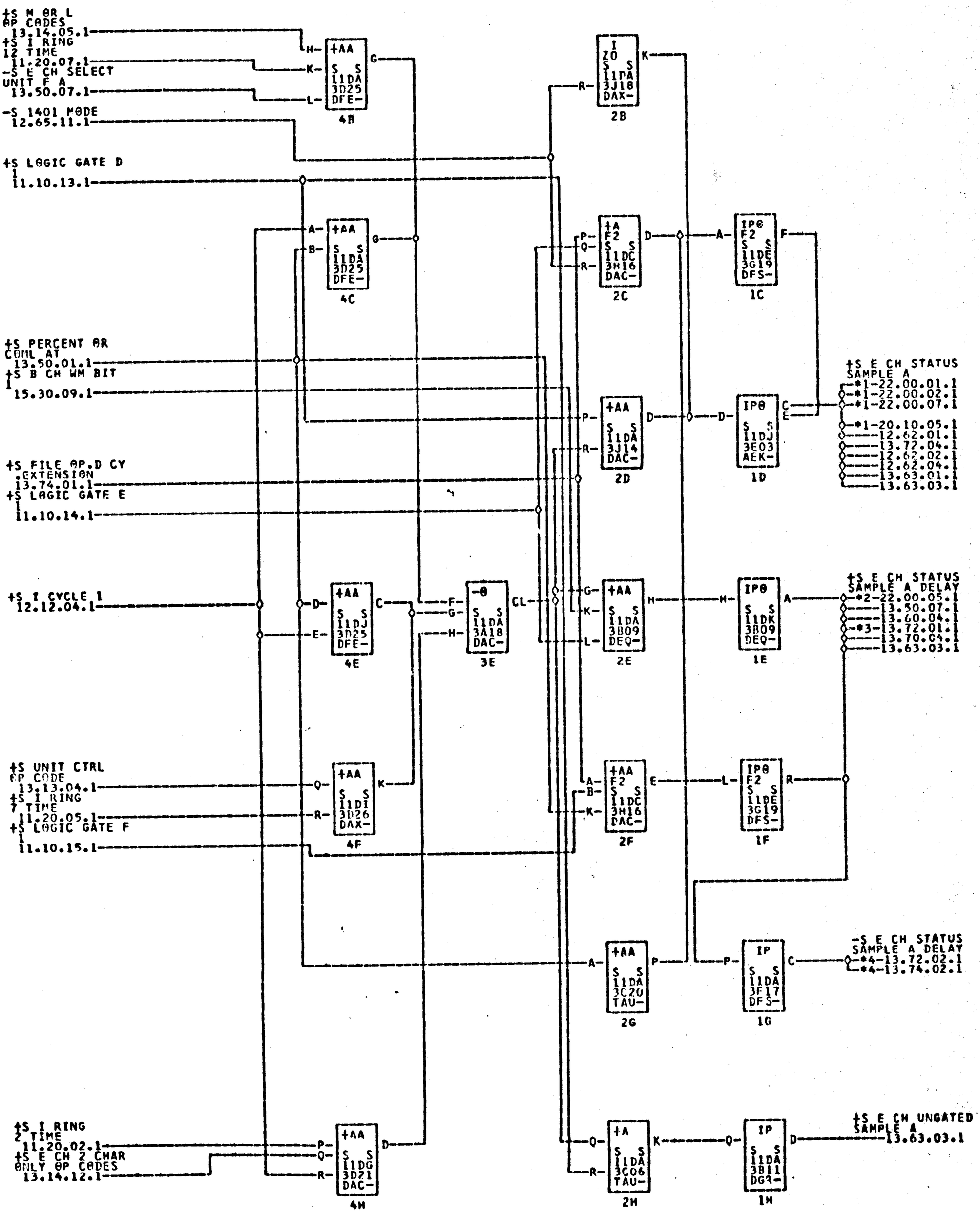


•1—||D3K27C—||D1K27C—||D1J27C—||D2D28C •2—||D3Z1|C—||D7U27L
•3—||D3E02D—||C4E27D—||C4G01F—||C3G28F—||C3Z20A—||C7U33N •4—||D3E02D—||C4E27D—||C4G01F—||C3G28F
•5—||D3A09E—||D1K09E—||D1G27K—||D2G02K •6—||D3A09D—||D1K09D—||D1G27H—||D2G02H

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	06-13-62	251773	B	10-04-62	251825	C	10-23-62	251844	D	12-19-62	251829

1



*1—11D3Z09C—11D7U27C *2—11D3Z17B—11D7U31B *3—11D3A07C—11D1K07C—11D1C28E—11D2C01E
*4—11D3A07D—11D1K07D—11D1C28F—11D2C01F

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-16-61	249906	C	12-26-61	250748	D	01-03-62	250759
E	01-2?-62	250755	F	02-23-62	251101	G	02-28-62	251113	H	03-07-62	251134
I	03-28-62	250181	J	04-11-62	251132	K	08-09-62	251162			

A

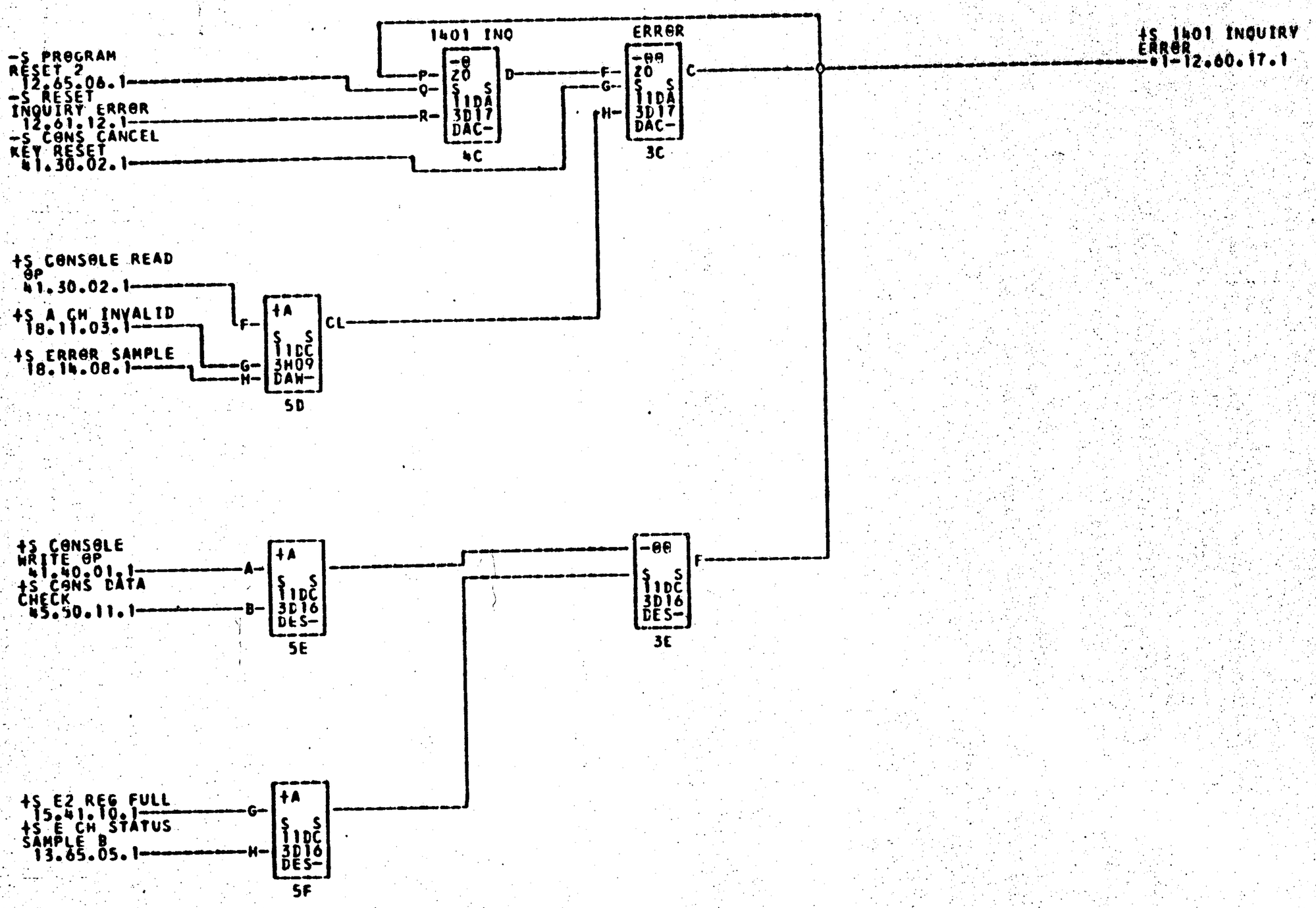
-S 1401 MODE
12.65.11.1
+S 2 CHAR ONLY OP CODES
13.14.12.1
+S COML AT OR ASTERISK
13.50.01.1
+S E CH ANY STATUS ON
13.72.05.1
+S I-0 PERCENT LATCH
13.50.01.1
-S FILE OP=1405
13.74.01.1
+S F CH ANY STATUS ON
13.73.04.1
+S LAST INSN R0 CYCLE
12.13.05.1
-S FILE OP.D CY .EXTENSION
13.74.01.1
-S PROGRAM RESET 2
12.65.06.1
+S E CH STATUS SAMPLE B
13.65.05.1
-S 1401 CARD OR PRINT OP CODE
13.13.11.1
+S E CH UNOVLP IN PROCESS
13.60.04.1
+S I-0 LOZENGE LATCH
13.50.02.1
+S BLOCK 30 LAST EXECUTE
13.74.03.1
+S F CH STATUS SAMPLE B
13.67.02.1
+S F CH UNOVLP IN PROCESS
13.64.08.1
+S 1401 I-0 END
13.70.02.1
-S 1401 BRANCH LATCH
12.60.19.1
-S LOGIC GATE B
11.10.11.1

+S LAST EXECUTE CYCLE *I-0
*1-12.12.51.1
+S I-0 LAST EX CYCLE
*2-12.12.23.1

*1—11D3Y17D—11D1Z17D—11D1C02K—11C2C27K—11C2C01K—11C1C28K
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COMMENTS

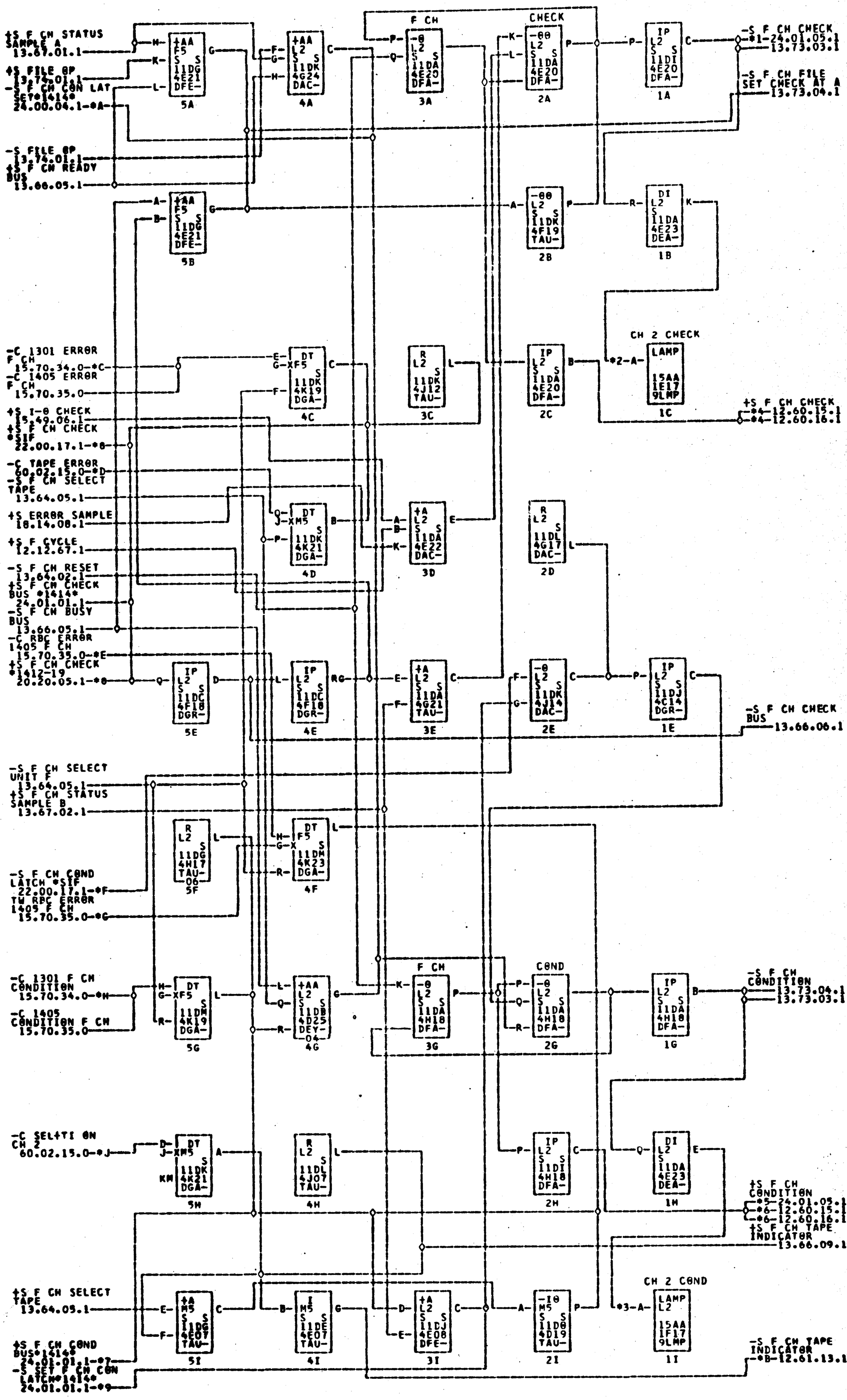
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	06-15-62	251773	B	12-19-62	251829						



•1—11D3A06D—11D1K06D

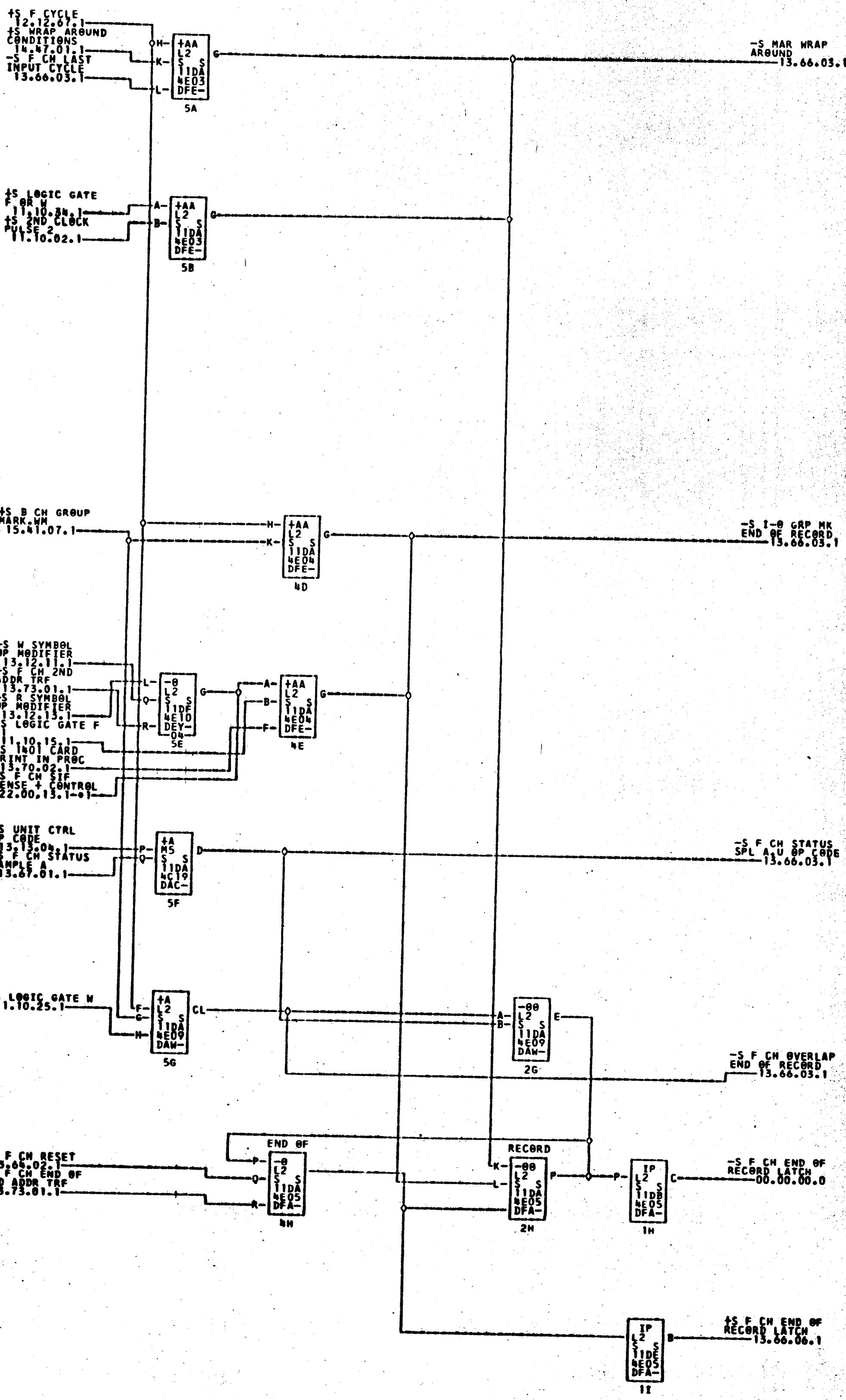
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109440A	B	06-16-61	249906	C	04-12-62	250785			



COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111585C	B	06-16-61	249906	C	11-01-61	250701	D	12-21-61	250750
E	01-03-62	250759	F	01-23-62	250755	G	02-23-62	251101	H	02-28-62	251113
I	03-21-62	251143	J	04-05-62	250783	K	04-11-62	251132	L	04-23-62	250786
M	04-25-62	251102	N	08-17-62	251809	O	10-12-62	251024			



•1—11D7U39L—11D4Z11C

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	1115850	B	06-16-61	249906	C	01-03-62	250759	D	04-11-62	251132
E	08-08-62	251774	F	12-28-62	251823						

A

-S F1 REG FULL 13.64.03.1
-S F2 REG FULL 13.64.03.1
+S LOGIC GATE F OR W 11.10.34.1
5A: +AA L2 S S 11DA 4E06 DFE-

+S F CYCLE 12.12.67.1
+S F CH INPUT MODE 15.63.01.1
+S LOGIC GATE C OR T 11.10.34.1
5B: +AA L2 S S 11DA 4E06 DFE-

1B: +A L2 S S 11DA 4H22 TAU-

F CH LAST INPUT CY

+S INPUT CYCLE 13.60.06.1
-S LOGIC GATE B OR S 11.10.34.1
+S F CH EXT END OF TRANSFER 13.67.03.1
5C: -0 L2 S S 11DA 4E05 DFA-

4C: -0 L2 S S 11DA 4E05 DFA-

3C: IP L2 S S 11DA 4E05 DFA-

2C: IP L2 S S 11DA 4E05 DFA-

-S F CH LAST INPUT CYCLE
*2-13.63.02.1
*3-15.49.02.1

-S F CH STATUS SPL A.U OP CODE 13.66.02.1
3D: I MS S S 11DA 4E07 TAU-

+S F CH OUTPUT MODE 15.63.01.1
-S MAR WRAP AROUND 13.66.02.1
-S I-O GRP MK END OF RECORD 13.66.02.1
5E: +AA L2 S S 11DA 4E08 DFE-

+S F1 REG FULL 13.64.03.1
+S 2ND CLOCK PULSE 2 11.10.02.1
+S F2 REG FULL 13.64.03.1
-S F CH OVERLAP END OF RECORD 13.66.02.1
5F: +AA L2 S S 11DA 4E08 DFE-

3F: -00 L2 S S 11DC 4E09 DAW-

END OF TRANSFER

-S F CH RESET 13.64.02.1
-S F CH END OF 2ND ADDR TRF 13.73.01.1
5G: -0 L2 S S 11DA 4F06 DFA-

3G: -00 L2 S S 11DA 4F06 DFA-

2H: IP L2 S S 11DB 4F06 DFA-

+S F CH INT END OF TRANSFER
*1-22.00.14.1
*1-22.00.06.1
+S F CH INT END OF TRANSFER 13.67.02.1

4I: IPA F5 S S 11DC 4G14 DFS-

2I: IPA L2 S S 11DC 4F06 DFA-

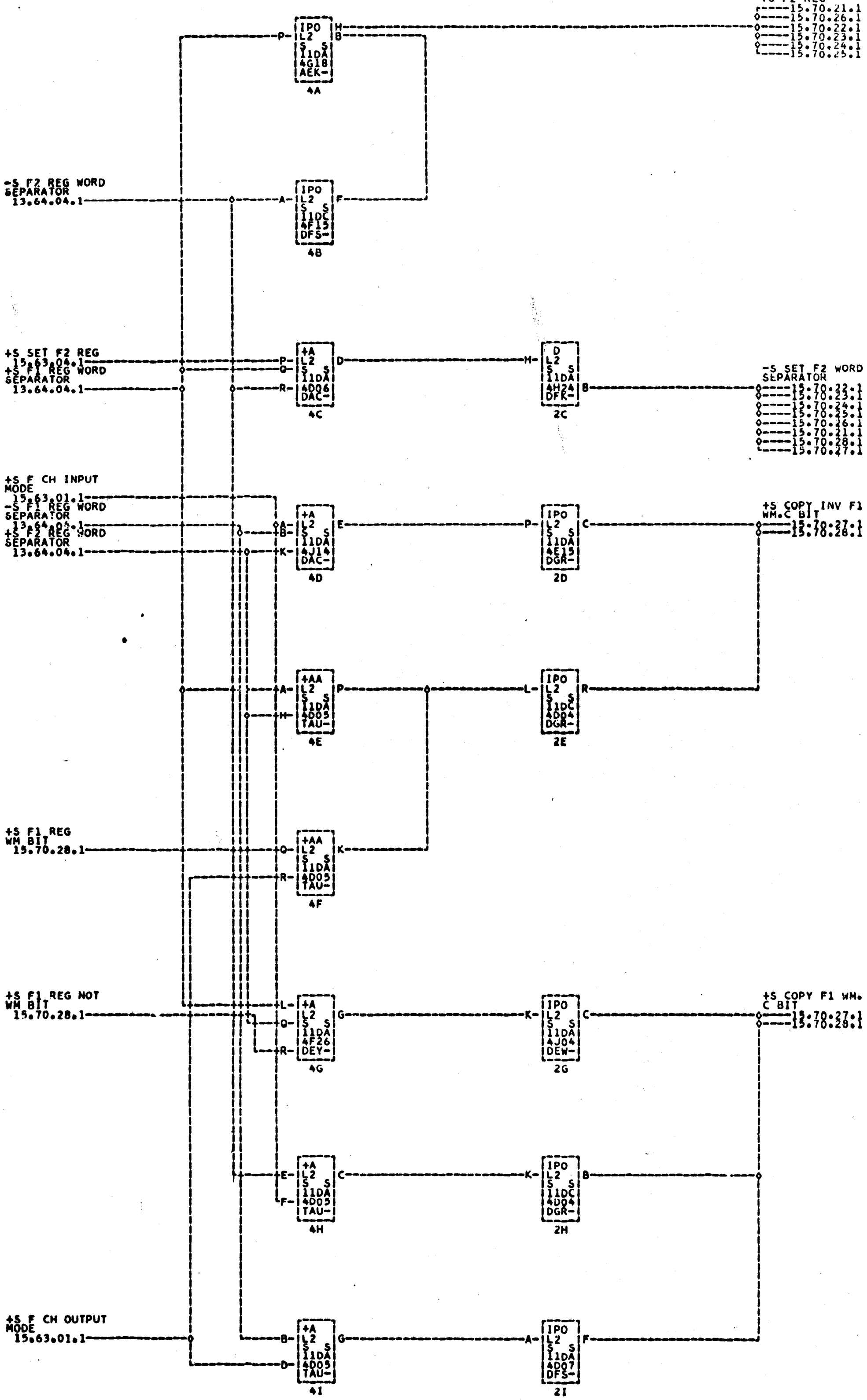
-S F CH INT END OF TRANSFER
12.12.64.1
12.12.65.1
12.12.67.1

*1—11D4Z06D—11D7U37H *2—11D4F01D—11D3F28D *3—11D4F01D—11D3F28D—11D3F02G—11C4F27G—11C4Z09A—11C3Z09A

COMMENTS

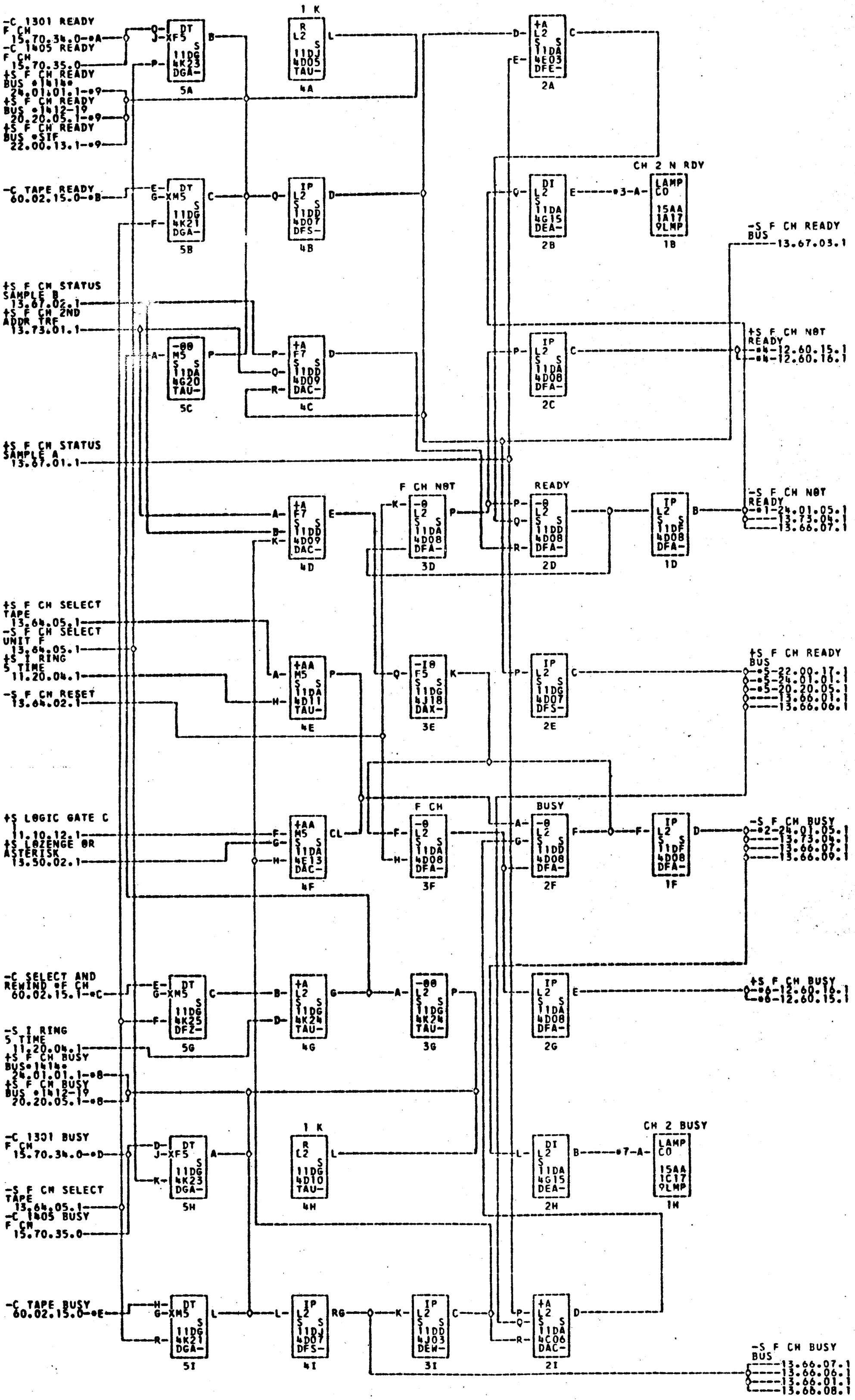
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	06-13-62	251773	B	11-28-62	251850	C	01-22-63	251030			

1



1 COMMENTS
LOC 4E DO NOT USE CIRCUIT 04 WITH LOAD

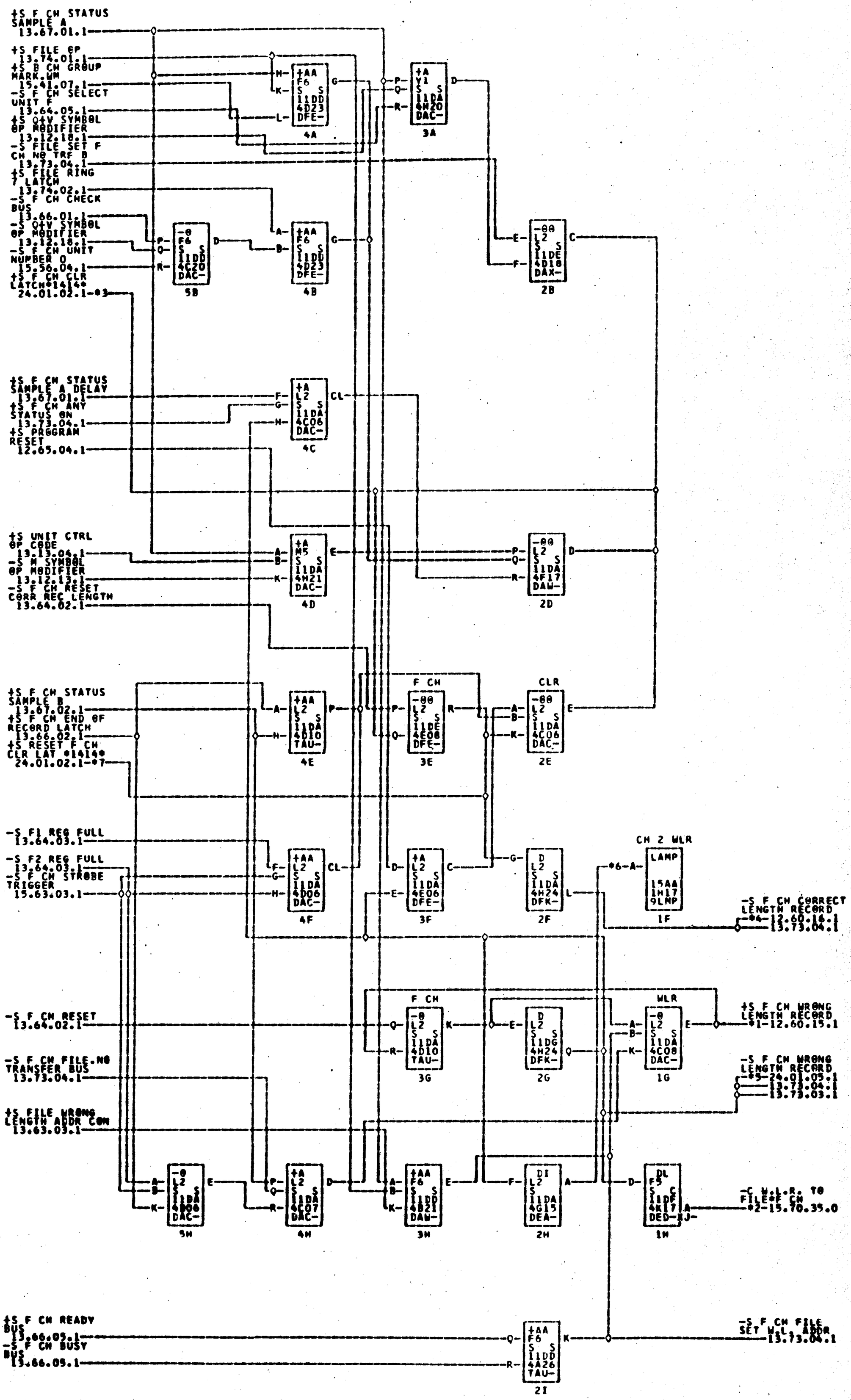
TAG	DATE	E.C.NO.
A	00-00-00	109426
B	06-17-61	249906
C	10-26-61	250701



*1—11D4Z26B—11D7U47F *2—11D4Z26C—11D7U47G *3—11D4K28G—11D7L32G—15A4A17M—15A4A18H
*4—11D4C01D—11D3C28D—11D3A05C—11D1K05C *5—11D4Z07C—11D7U37L *6—11D4C01E—11D3C28E—11D3A05G—11D1K05G
*7—11D4K28H—11D7L30G—15A4A17K—15A4A18K *8—11D7U37K—11D4Z07B *9—11D7U37Q—11D4Z08C *A—11D7U04K——
*B—11D7L38M—— *C—11D7L42K—— *D—11D7U04M—— *E—11D7L38H——

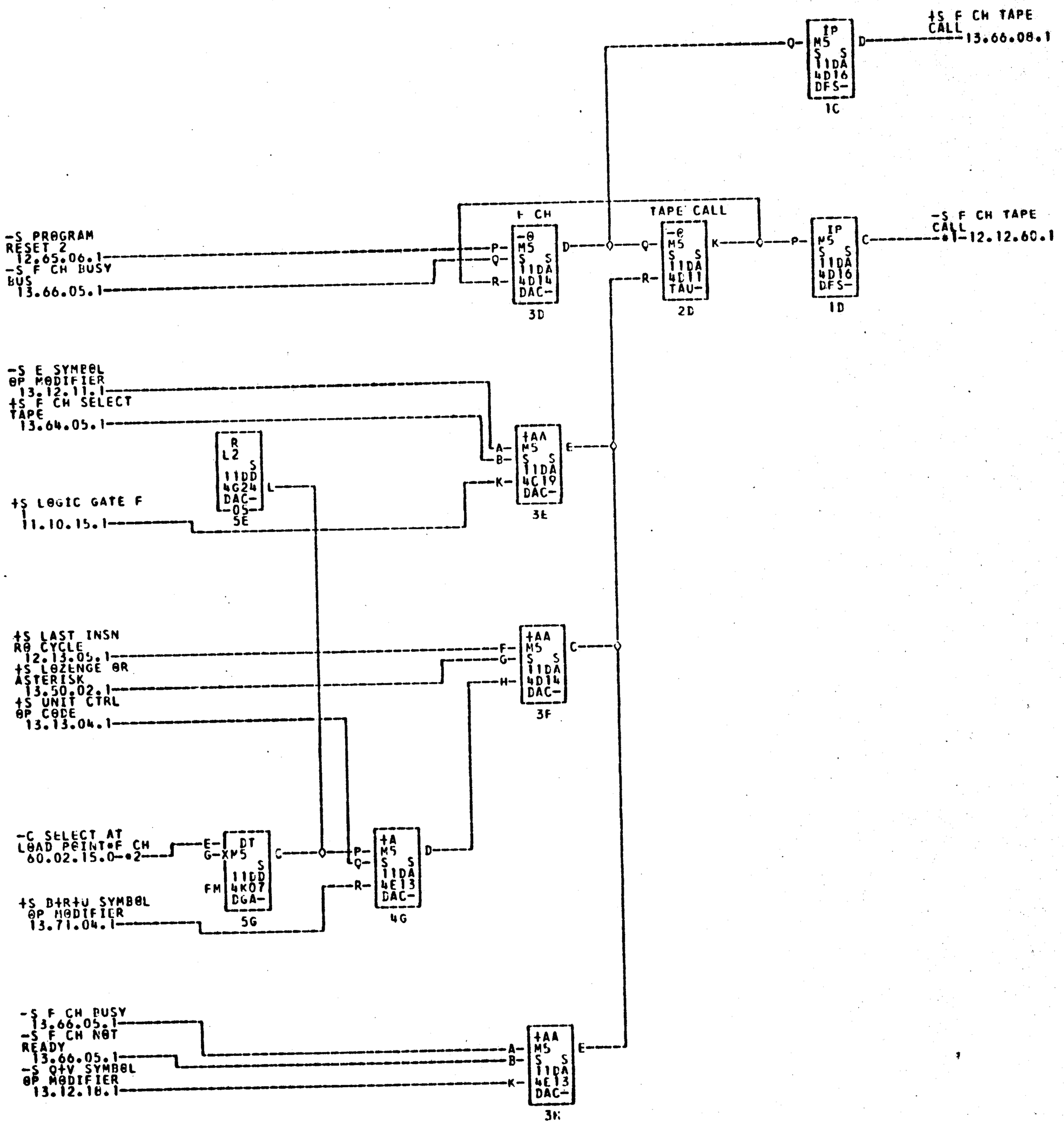
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-16-61	249906	C	01-03-62	250759	D	01-24-62	250755
E	02-09-62	251099	F	03-21-62	251143	G	04-11-62	251132	H	04-23-62	250786
I	08-17-62	251809	J	10-13-62	251824						



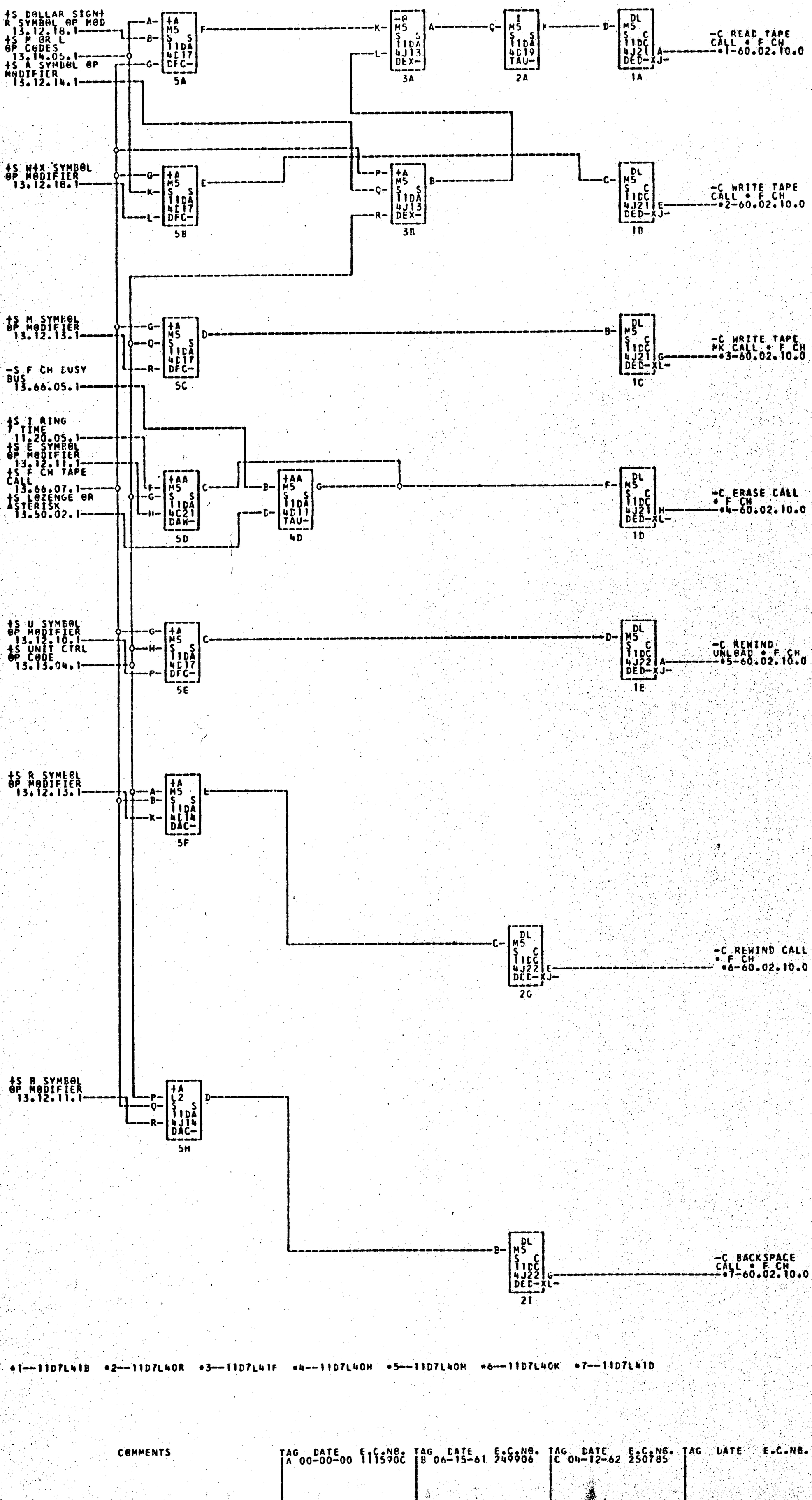
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-17-61	111594C	C	06-17-61	249906	D	12-21-61	250950
E	03-21-62	251143	F	08-17-62	251809	G	10-12-62	251824			



COMMENTS

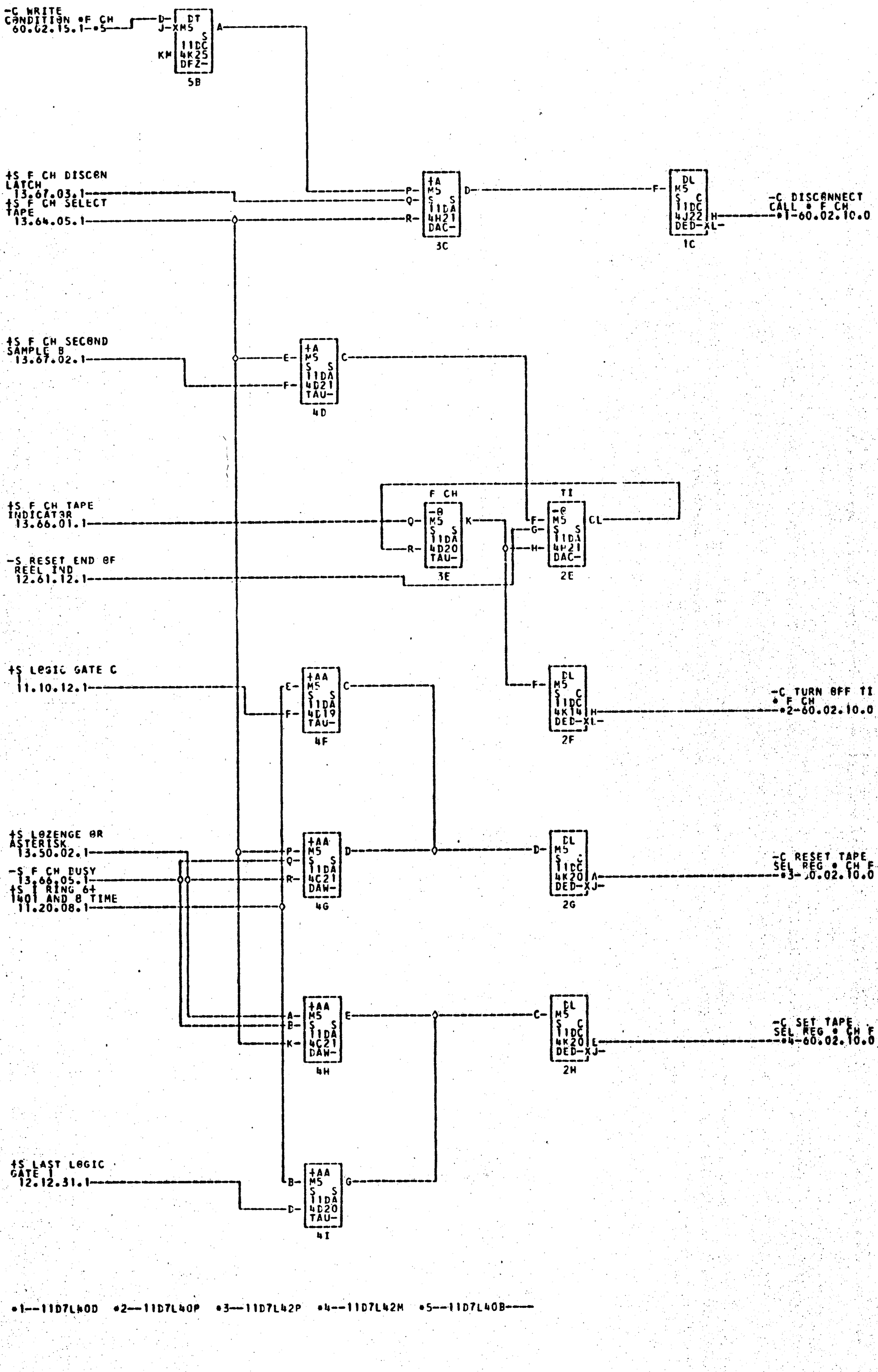
TAG	DATE	E.C.NO.
A	00-00-00	111590C
B	06-16-61	249906
C	01-30-62	251100
D	04-12-62	250785



*1--11D7L41B *2--11D7L40R *3--11D7L41F *4--11D7L40H *5--11D7L40M *6--11D7L40K *7--11D7L41D

COMMENTS

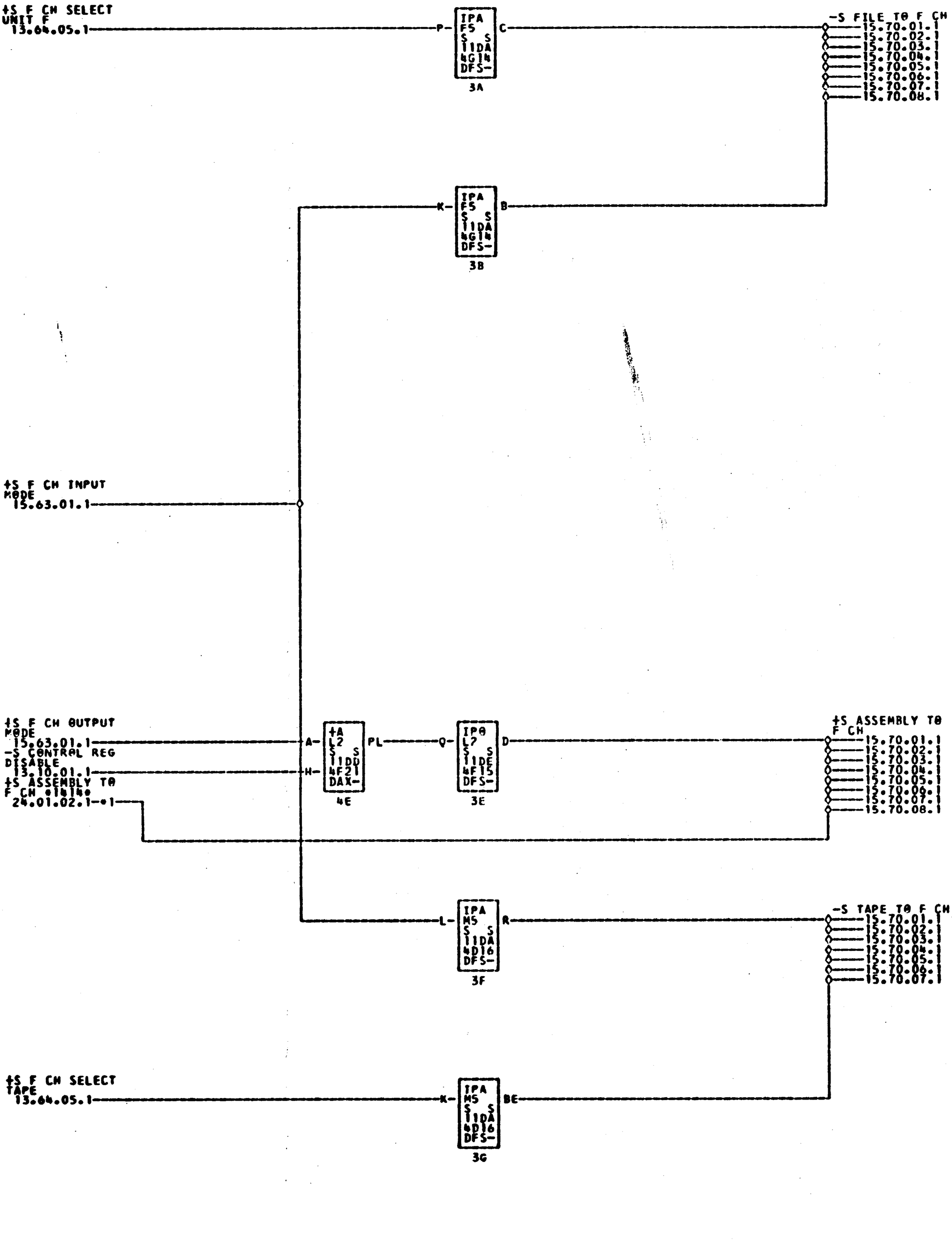
TAG	DATE	E.C.NO.
A	00-00-00	111590C
B	06-15-61	249906
C	04-12-62	250785



•1--11D7L40D •2--11D7L40P •3--11D7L42P •4--11D7L42M •5--11D7L40B----

COMMENTS

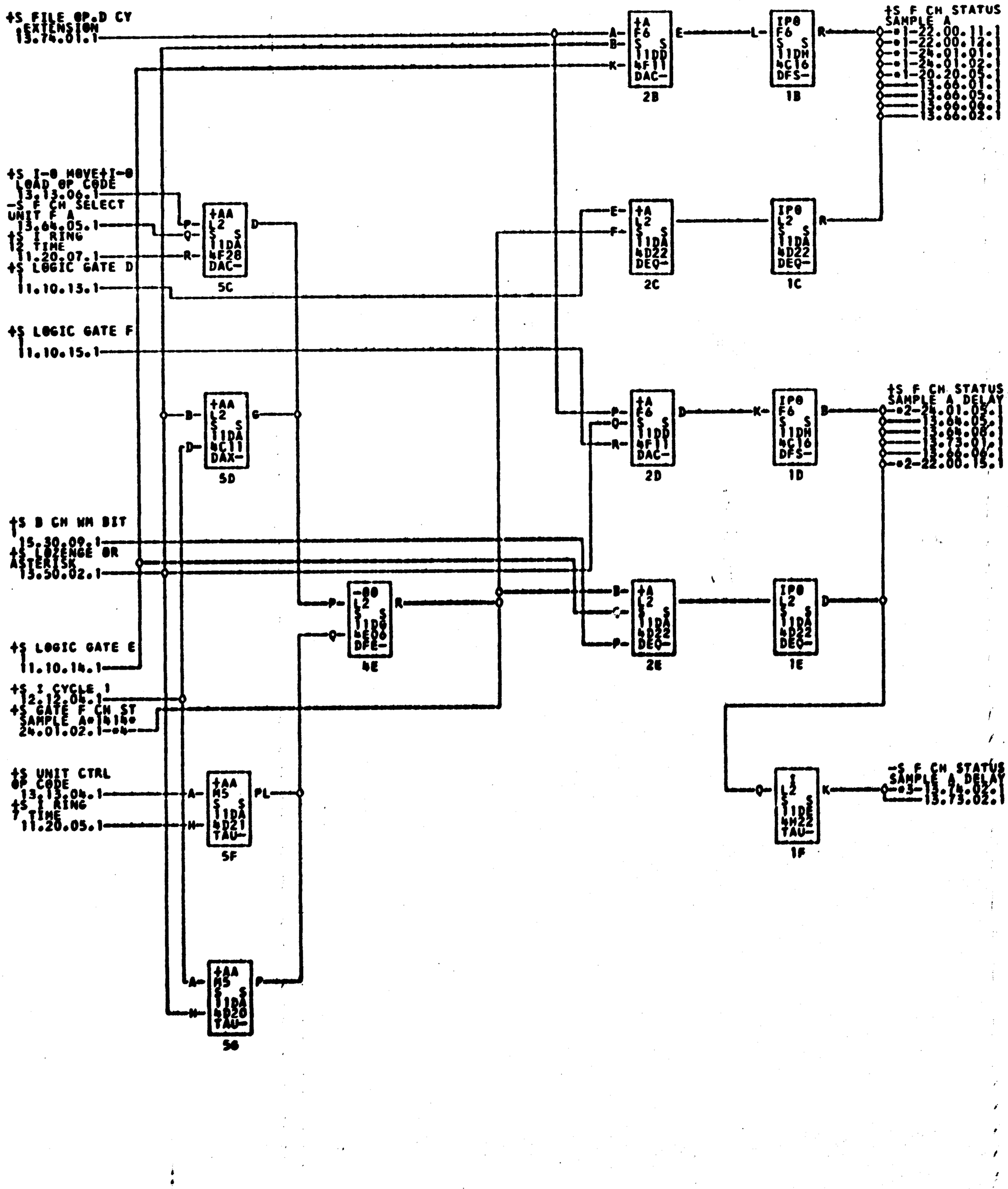
TAG	DATE	E.C.NO.
A	00-00-00	111585C
B	06-16-61	249906
C	04-12-62	250785



•1—11D7U45F—11D4Z22B

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109426	B	06-17-61	111594C	C	06-17-61	249906	D	11-01-61	250701
E	03-21-62	251143									

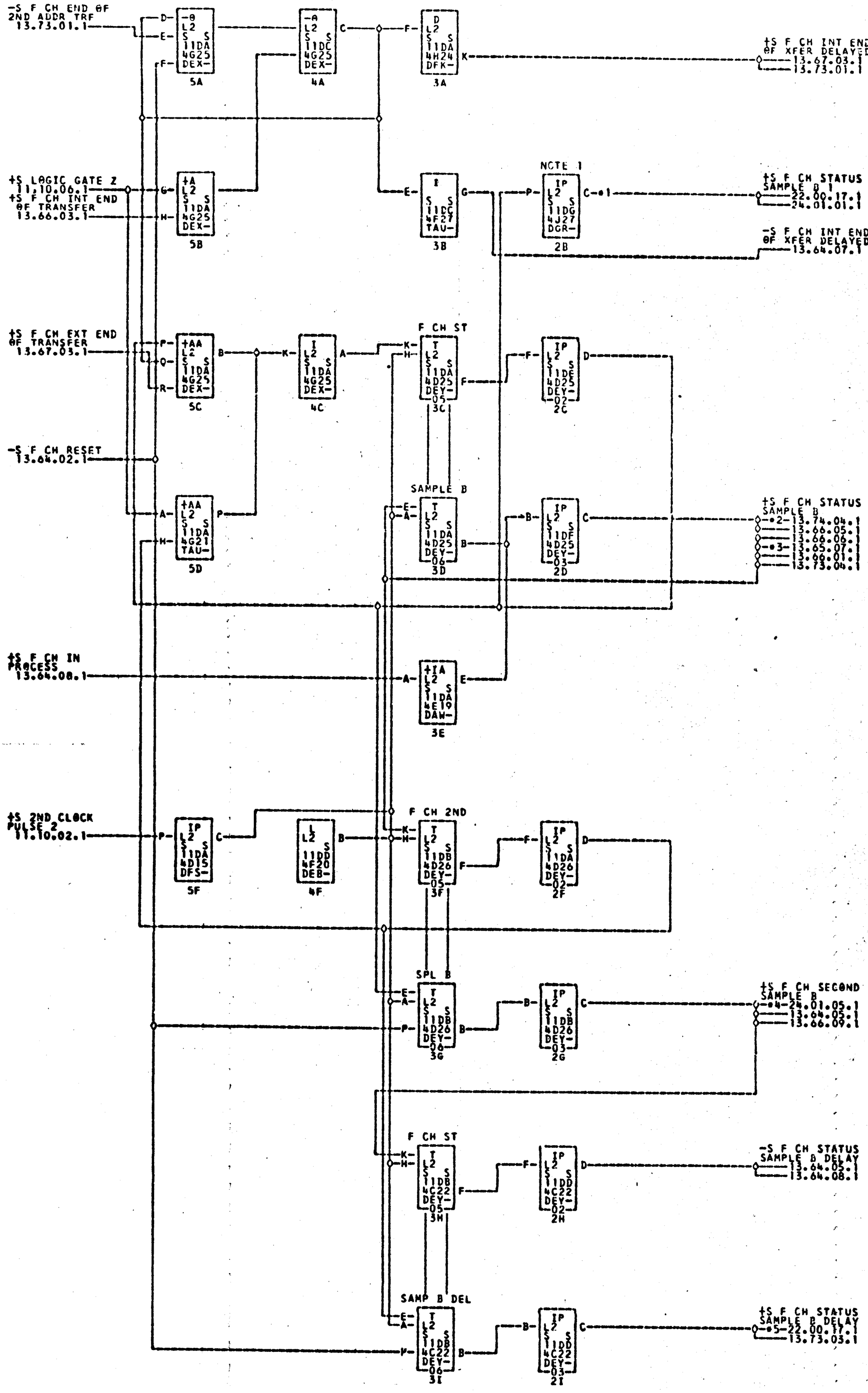


•1—11D4Z07D—11D7U37N •2—11D4Z18B—11D7U43F •3—11D4Y02B—11D2Z02B •4—11D7U45G—11D4Z22C

1

COMMENTS

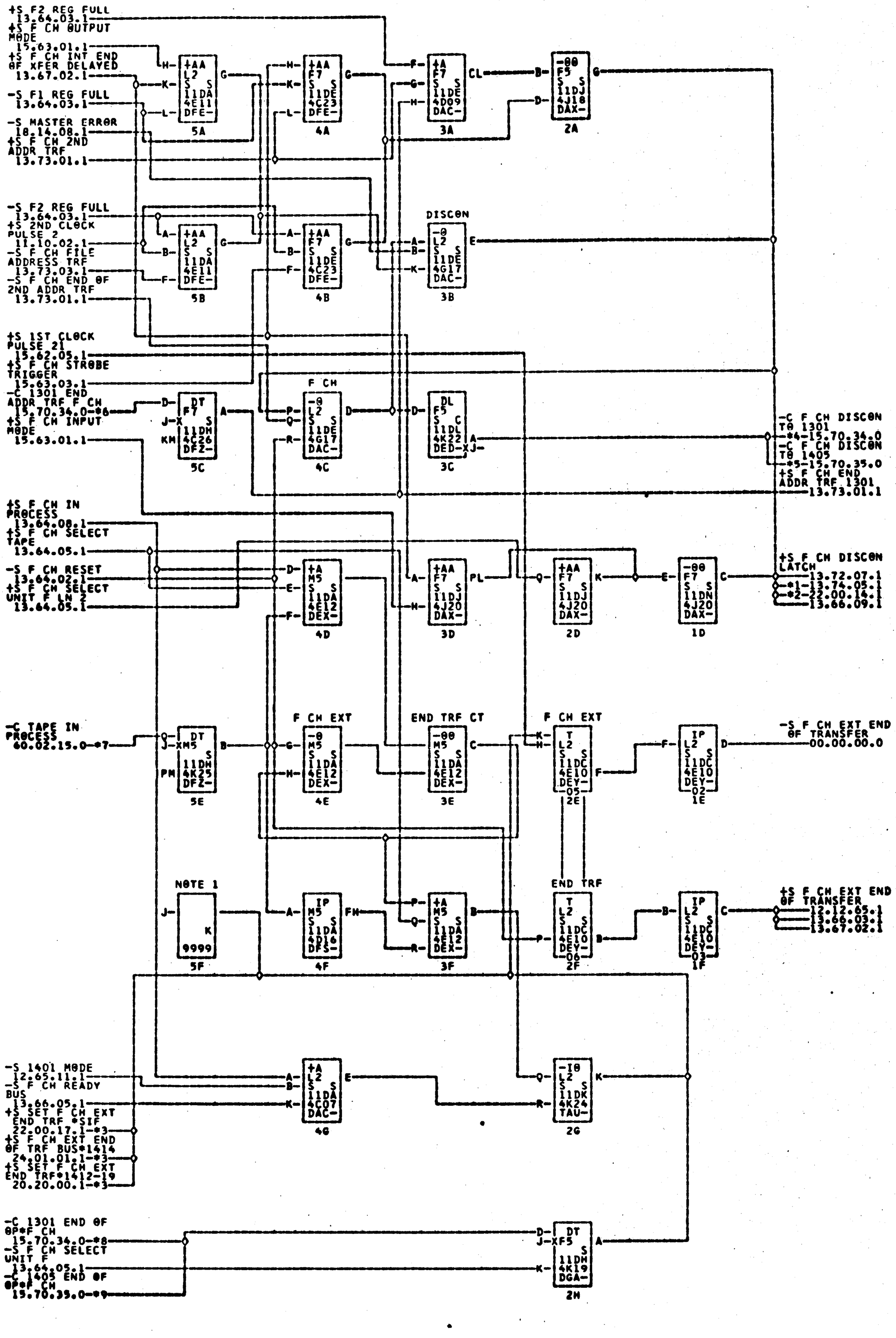
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-16-61	111594C	C	06-17-61	249906	D	12-21-61	250750
E	01-03-62	250759	F	01-25-62	250755	G	03-21-62	251143	M	04-11-62	251132



1 NOTE 1 THIS BLOCK IS WIRED FOR 1414 2ND CH AND SIF 2ND CH ONLY.

COMMENTS

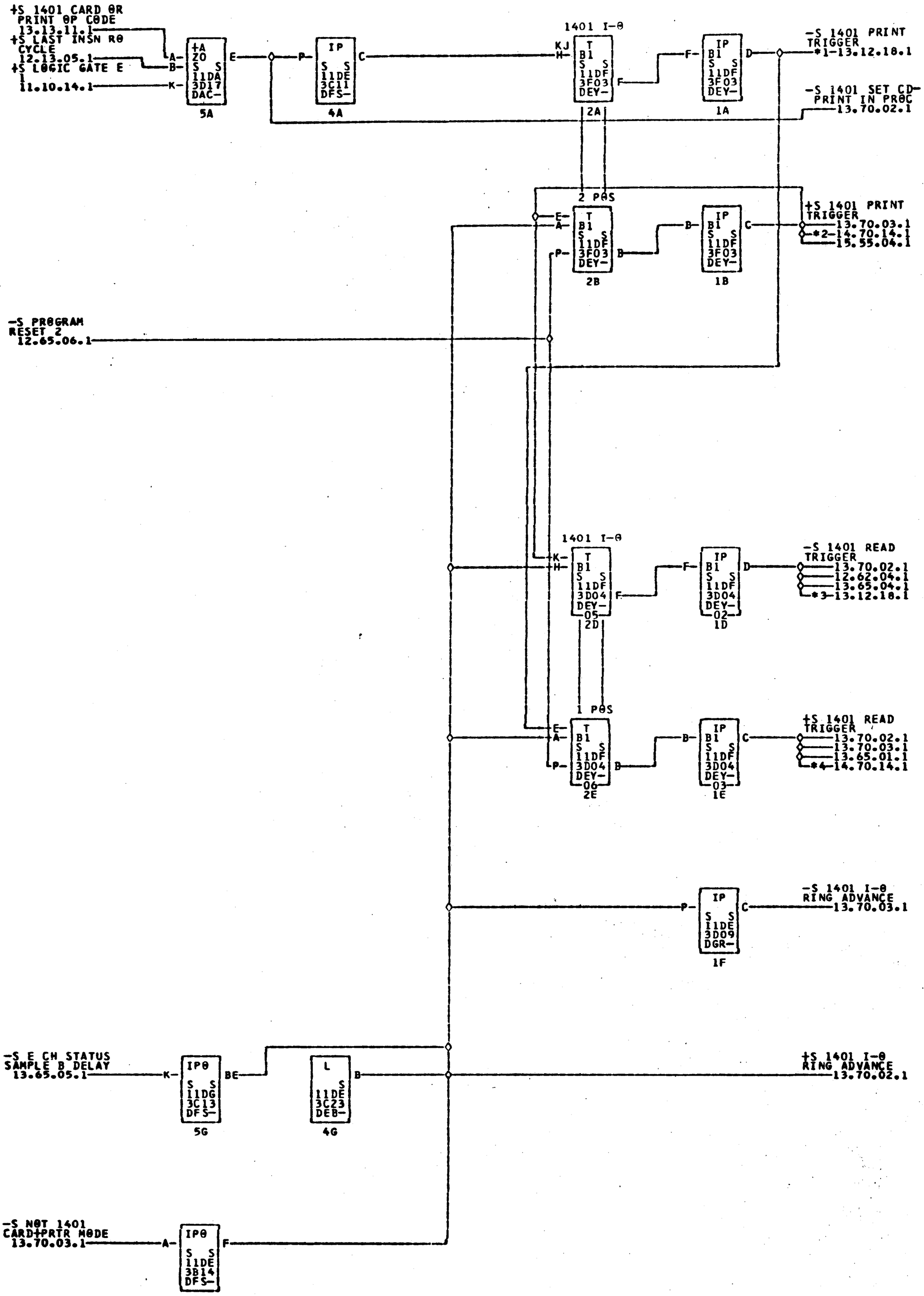
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	04-13-62	251773	B	08-30-62	251812	C	10-04-62	251825	D	10-23-62	251844
E	11-13-62	251849	F	12-19-62	251829	G	12-28-62	251823			



*1—11D4Y08B—11D2Z08B *2—11D4Z20B—11D7U43P *3—11D7U39M—11D4Z11D *4—11D7U04H *5—11D7L49D *6—11D7U04D——
*7—11D7L42F—— *8—11D7U04F—— *9—11D7L49P

1 COMMENTS
NOTE 1 DIODE ASM 589347
FEATURE ADDITION MFI A2

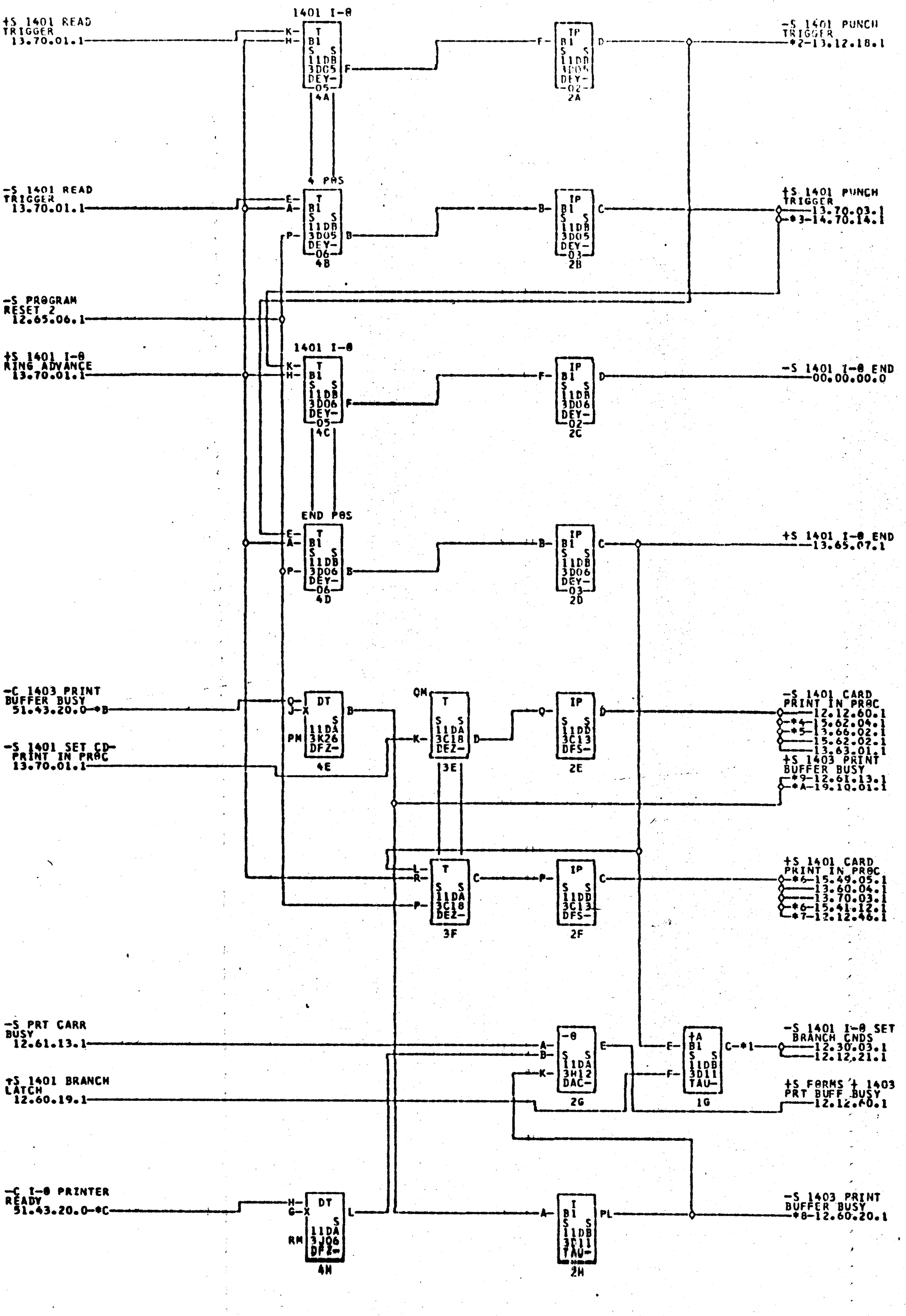
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-16-61	111594C	C	06-17-61	249906	D	01-03-62	250759
E	01-25-62	250755	F	02-07-62	251099	G	03-21-62	251143	H	04-11-62	251132
I	04-23-62	250786	J	07-16-62	250787	K	08-08-62	251774	L	08-17-62	251809
M	11-08-62	251829	N	12-12-63	253150						



*1—11D3A11Q—11D1K11Q *2—11D3A07N—11D1K07N *3—11D3A11N—11D1K11N *4—11D3A07L—11D1K07L

COMMENTS

TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.
A	00-00-00	111585C	B	06-16-61	111594C	C	06-18-61	249906	D	12-19-61	250745
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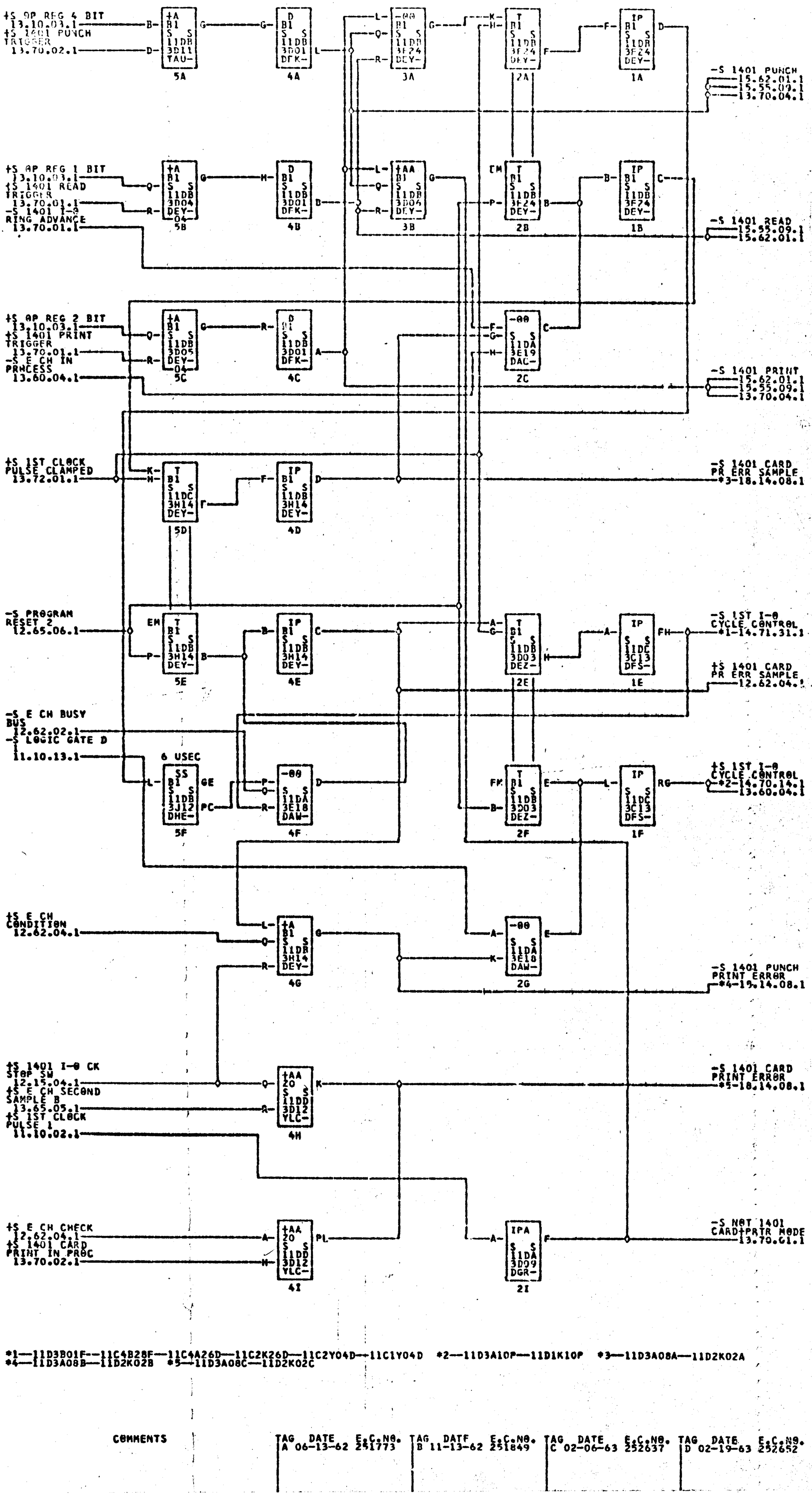


*1—11D3H02L—11C4H27L—11C4A25F—11C2K25F—11C2Y04C—11C1Y04C *2—11D3A11P—11D1K11P *3—11D3A07K—11D1K07K
*4—11D3K01E—11C4K28E *5—11D3J28H—11D4J01H *6—11D3K01L—11C4K28L—11C4K01F—11C3K28F
*7—11D3K01L—11C4K28L—11C4K01F—11C3K28F—11C3A04K—11C1K04K *8—11D3A07B—11D1K07B *9—11D3Y24D—11D1Z24D
*A—11D3K02G—11B4K28G *B—11D7L17D——— *C—11D7L17P———

COMMENTS

TAG	DATE	E.C.NO.
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B	11-13-62	251849
C	11-28-62	251850
D	02-06-63	252637

A

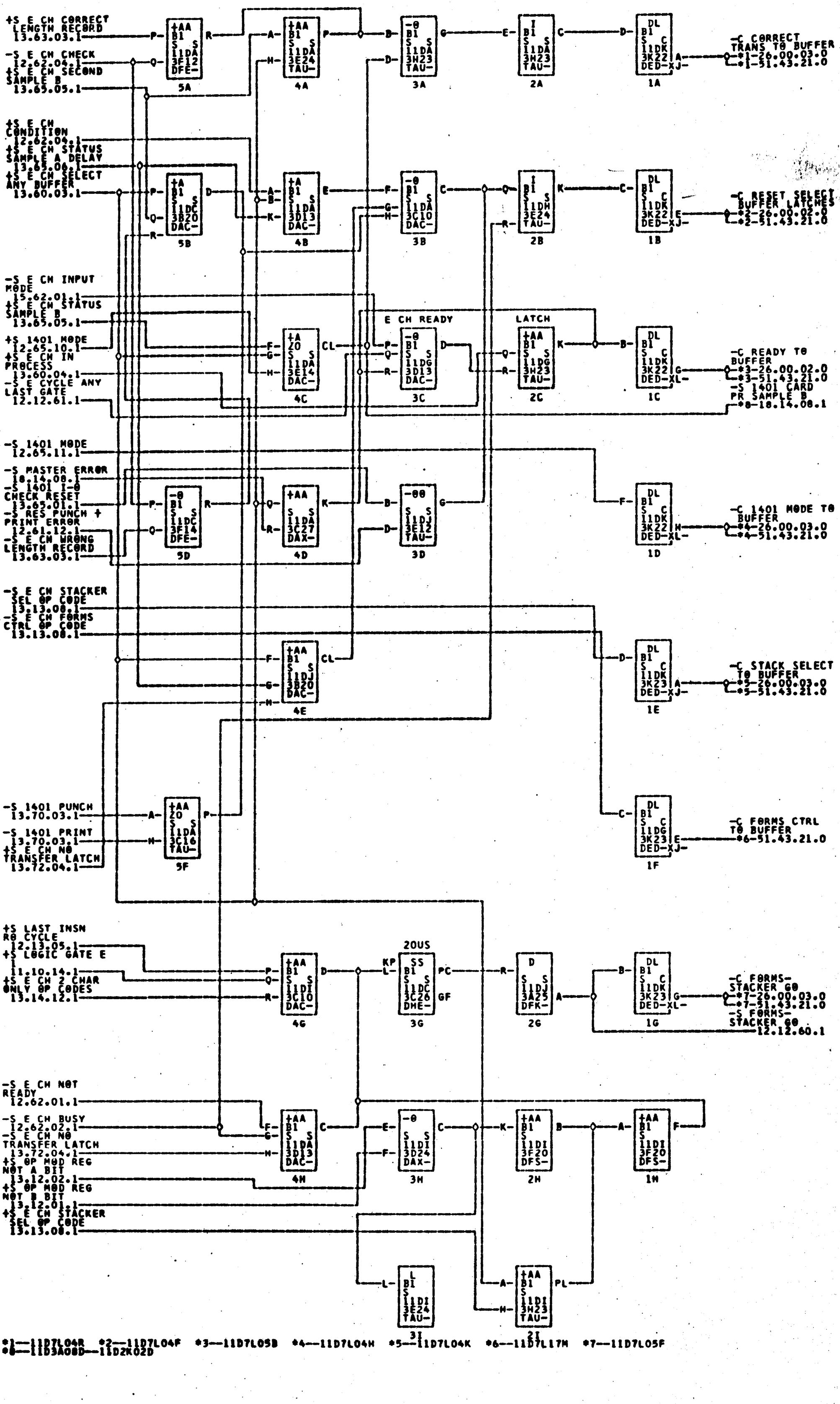


*1—11D3B01F—11C4B28F—11C4A26D—11C2K26D—11C2Y04D—11C1Y04D *2—11D3A10P—11D1K10P *3—11D3A08A—11D2K02A
*4—11D3A08B—11D2K02B *5—11D3A08C—11D2K02C

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
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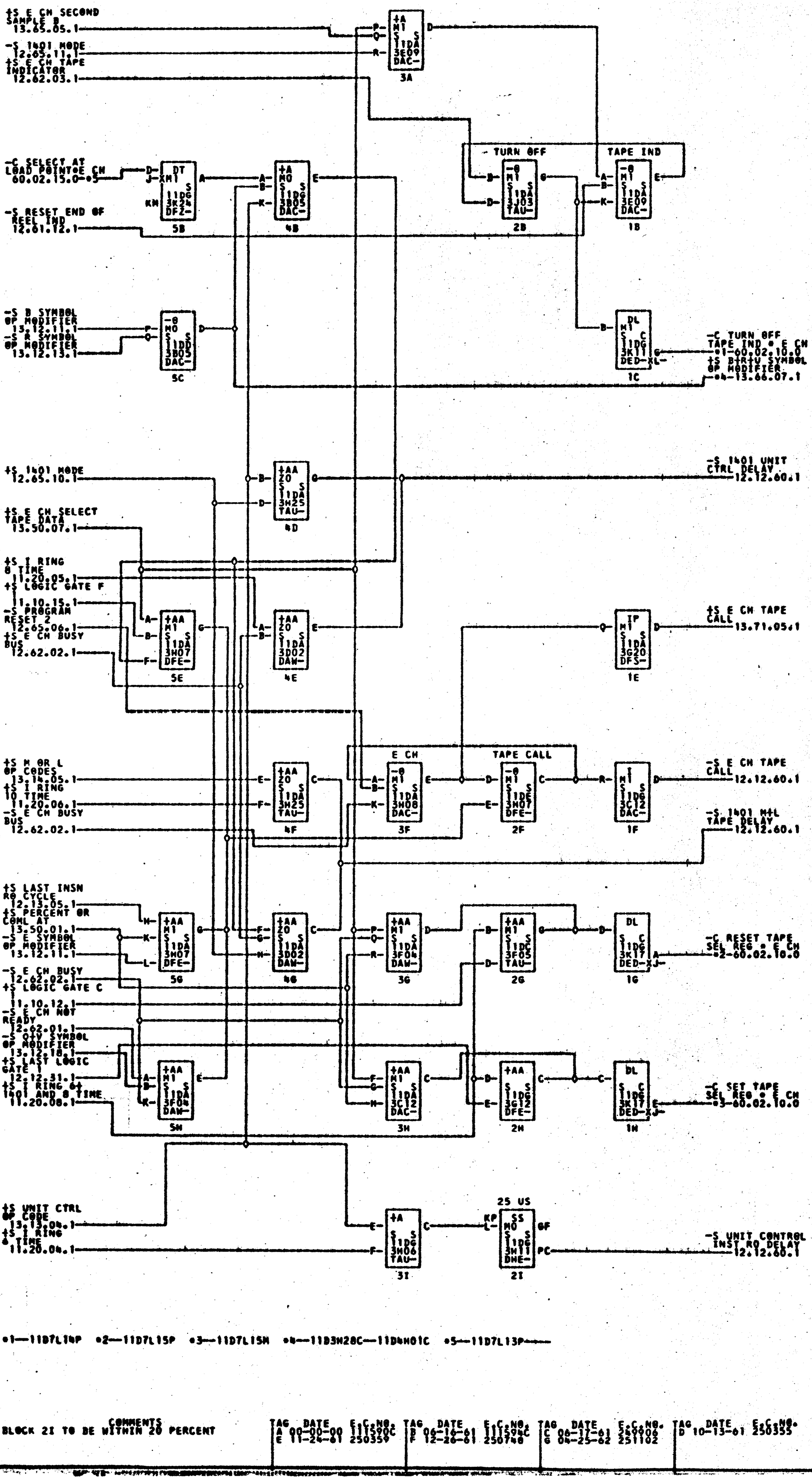
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*1--11D7L04R *2--11D7L04F *3--11D7L05B *4--11D7L04H *5--11D7L04K *6--11D7L17M *7--11D7L05F
*8--11D3A08D--11D2K02D

COMMENTS
BLOCK 36 TO BE WITHIN 20 PERCENT

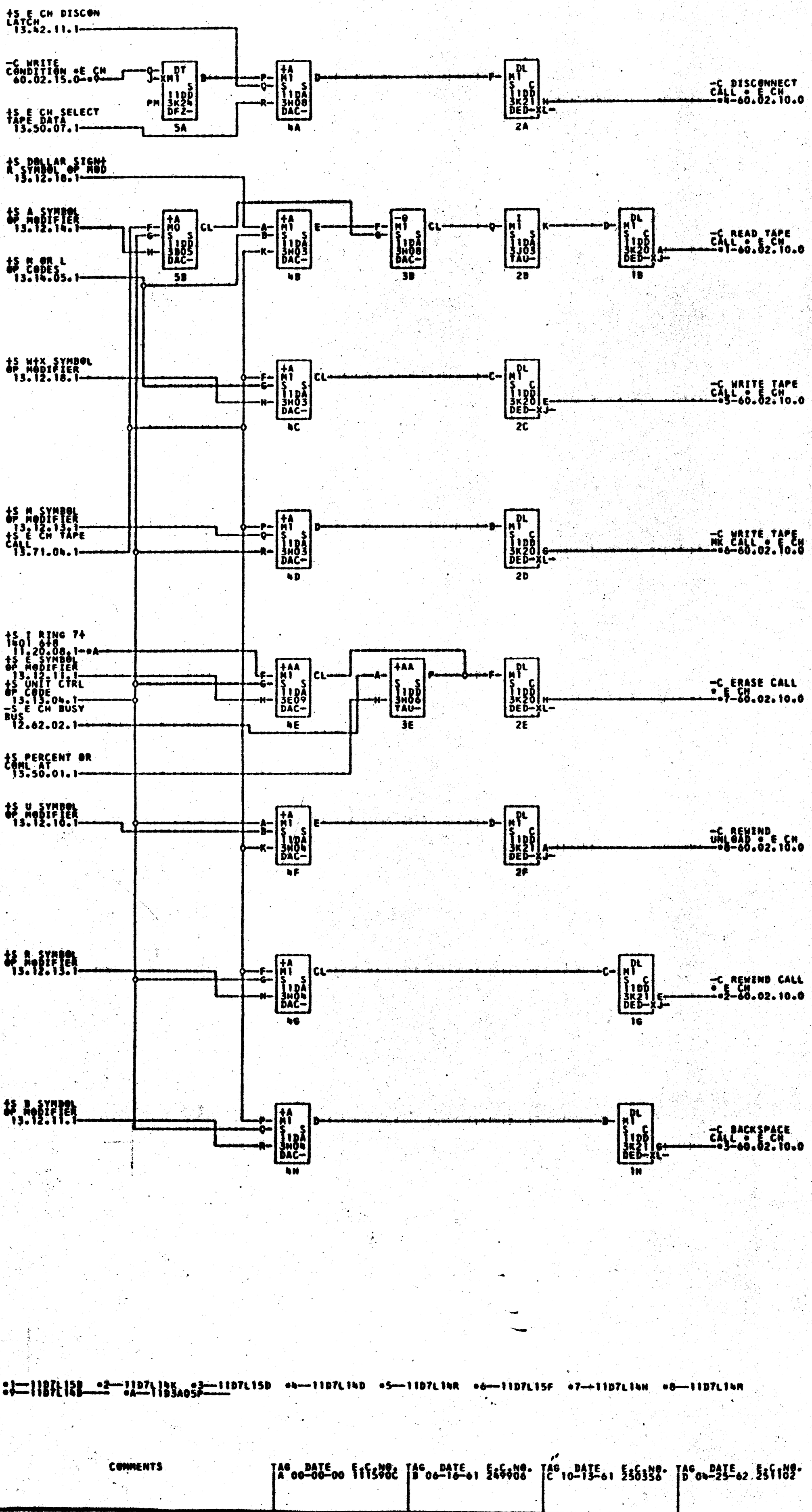
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-17-61	111594C	C	06-18-61	249906	D	01-03-62	250759
E	02-23-62	251101	F	02-28-62	251113	G	03-07-62	251134	H	03-20-62	251127
I	07-05-62	250780	J	08-02-62	250753	K	11-01-62	251839			



1 BLOCK 21 TO BE WITHIN 20 PERCENT

COMMENTS

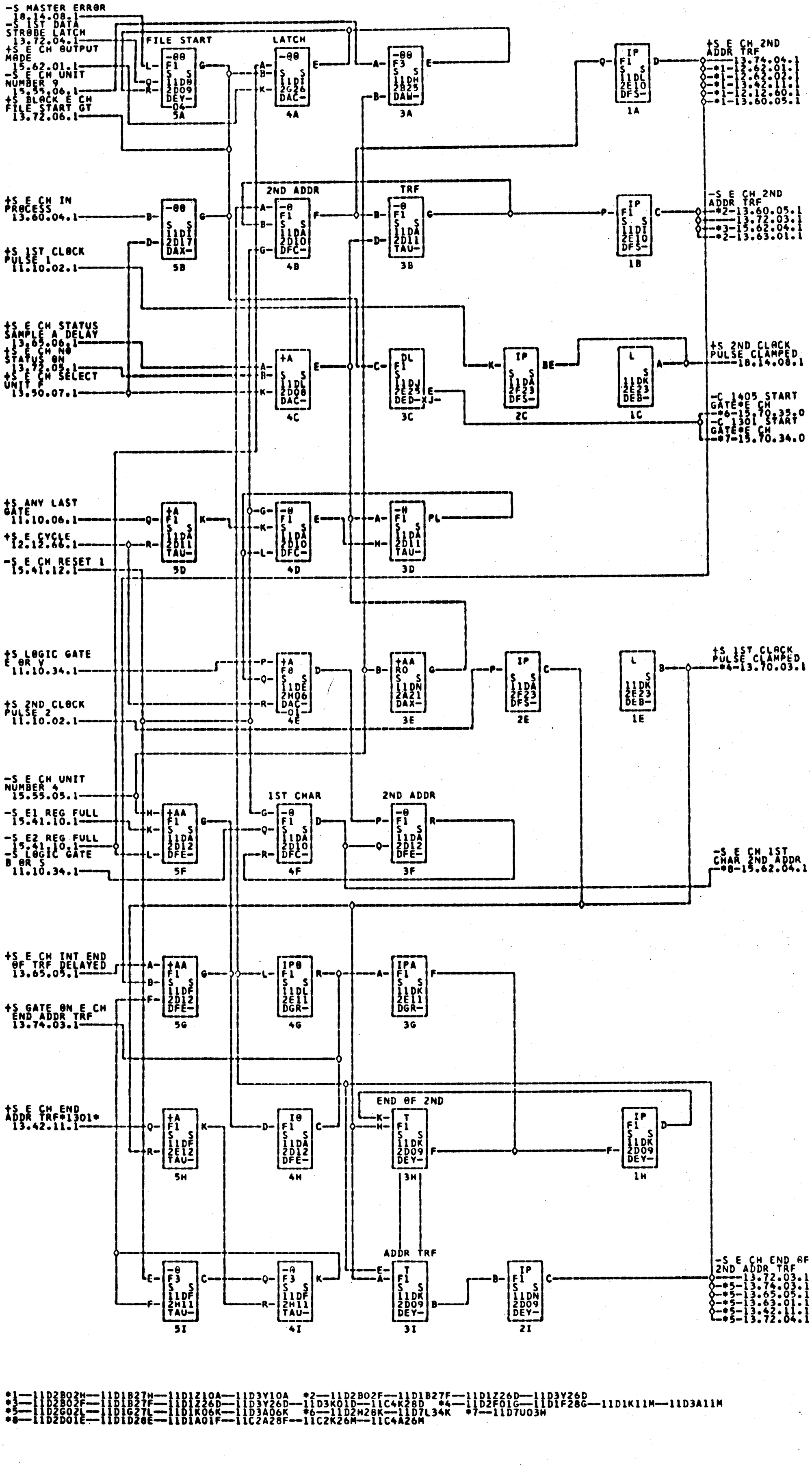
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A	00-00-00	111590C	B	06-16-61	111594C	C	06-17-61	250906	D	10-13-61	250355
E	11-24-61	250359	F	12-26-61	250748	G	04-25-62	251102			



*1—11D7L15B *2—11D7L14K *3—11D7L15D *4—11D7L14D *5—11D7L14R *6—11D7L15F *7—11D7L14H *8—11D7L14R
*9—11D7L16B *A—11D3A05P

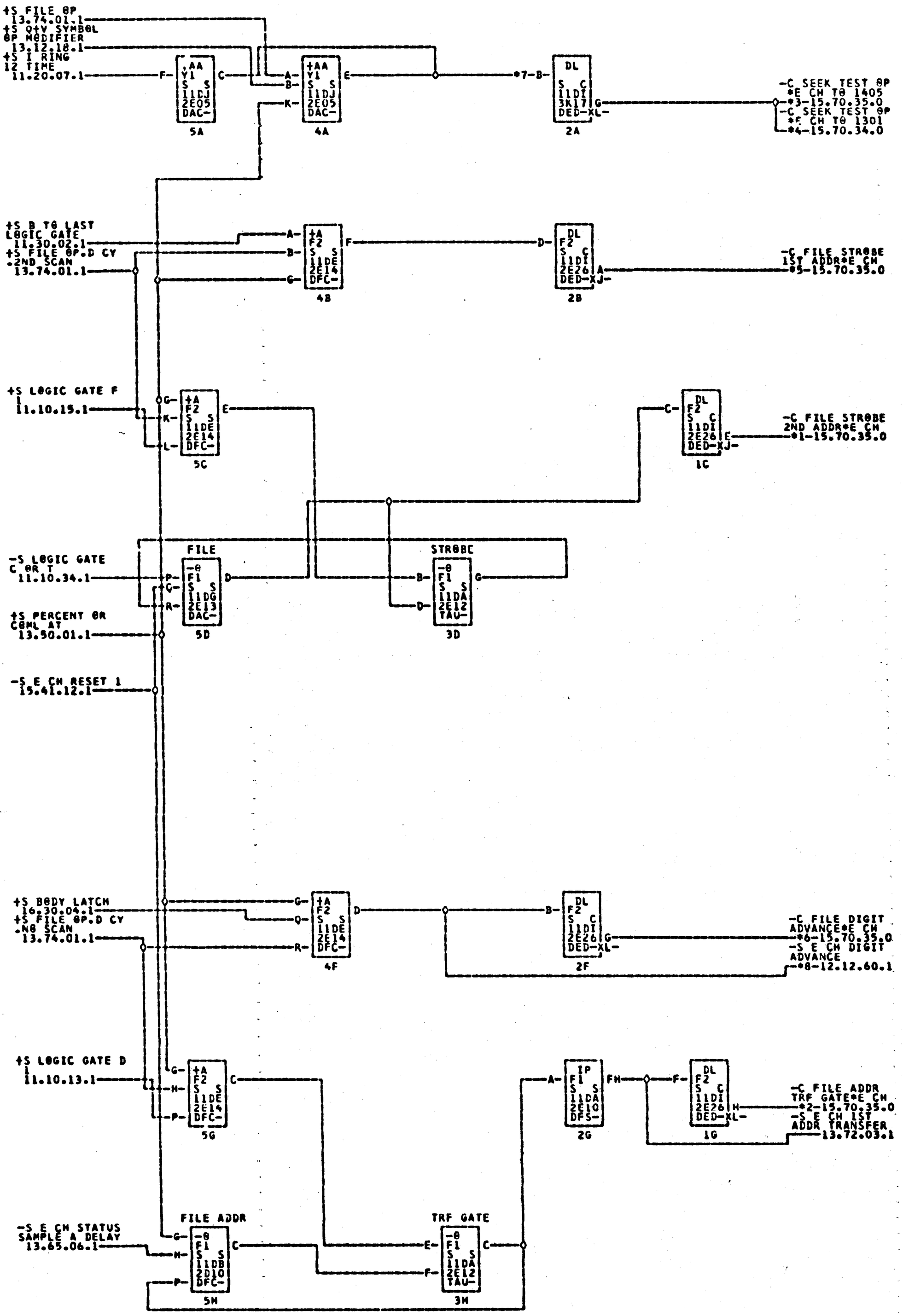
COMMENTS

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B	06-16-61	249906
C	10-13-61	250358
D	04-25-62	251102



COMMENTS

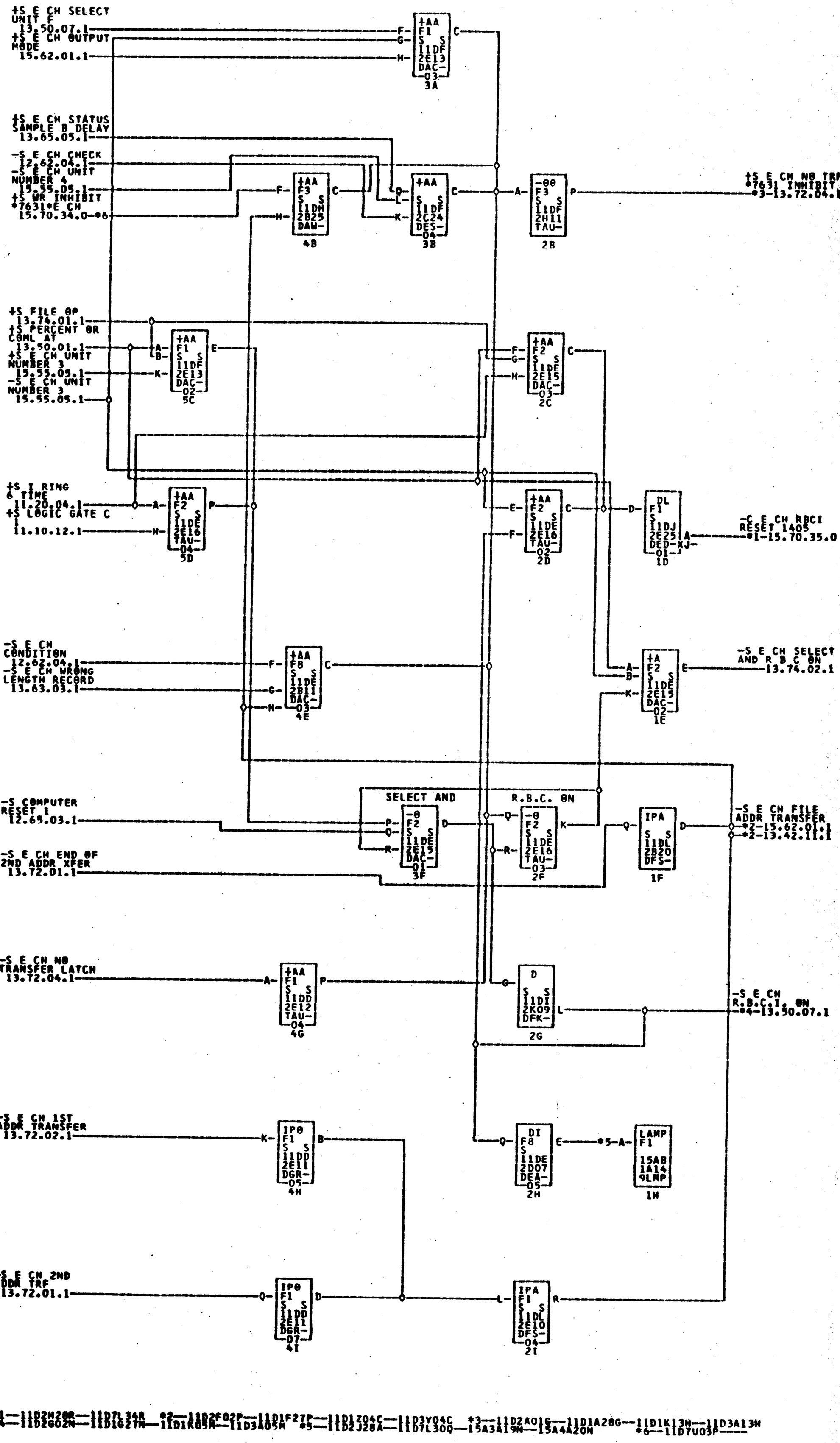
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-16-61	111594C	C	06-17-61	249906	D	11-01-61	250701
E	12-14-61	250743	F	01-24-62	250755	G	02-13-62	250761	H	03-28-62	250771
I	05-07-62	250776	J	08-17-62	251809	K	10-23-62	250798	L	11-12-62	251829
M	01-22-63	251830	N	06-17-63	252960	O	11-22-63	253150			



*1—11D2M28D—11D7L34D *2—11D2M28H—11D7L34H *3—11D7L10K *4—11D7U03B *5—11D2M28B—11D7L34B
*6—11D2M28F—11D7L34F *7—11D2A01F—11D1A28F—11D1K13F—11D3A13F *8—11D2K02E—11D3A08E

COMMENTS

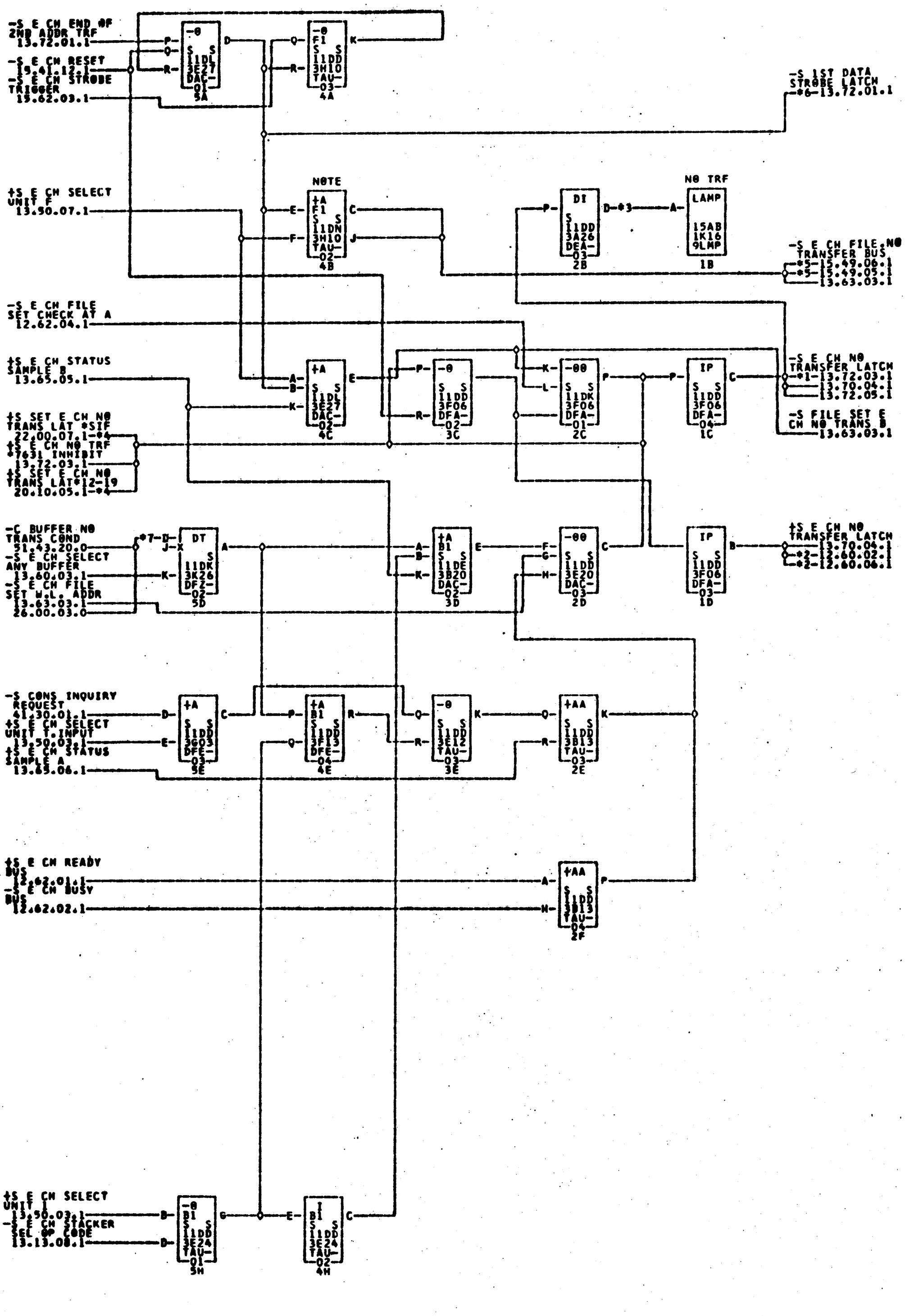
TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.	TAG	DATE	E.C.N0.
A	00-00-00	111590C	B	06-14-61	111594C	C	06-17-61	249906	D	11-20-61	250717
E	12-14-61	250743	F	12-27-61	250748	G	01-23-62	250755	H	04-12-62	250785
I	08-17-62	251809	J	08-21-63	253146						



*1—11D2N20R—11D7L34R *2—11D2F02P—11D1F27P—11D1Z04C—11D3Y04C *3—11D2A01G—11D1A28G—11D1K13H—11D3A13H
*4—11D2G02N—11D1G27N—11D1R05A—11D3A05H *5—11D2J28A—11D7L30Q—15A3A19N—15A4A20N *6—11D7U03P

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111585C	B	06-14-61	111594C	C	06-17-61	249906	D	08-18-61	250077
E	12-14-61	250743	F	01-24-62	250755	G	02-12-62	250761	H	03-28-62	250771
I	04-12-62	250785	J	08-17-62	251809	K	10-30-62	251818	L	01-22-63	251830

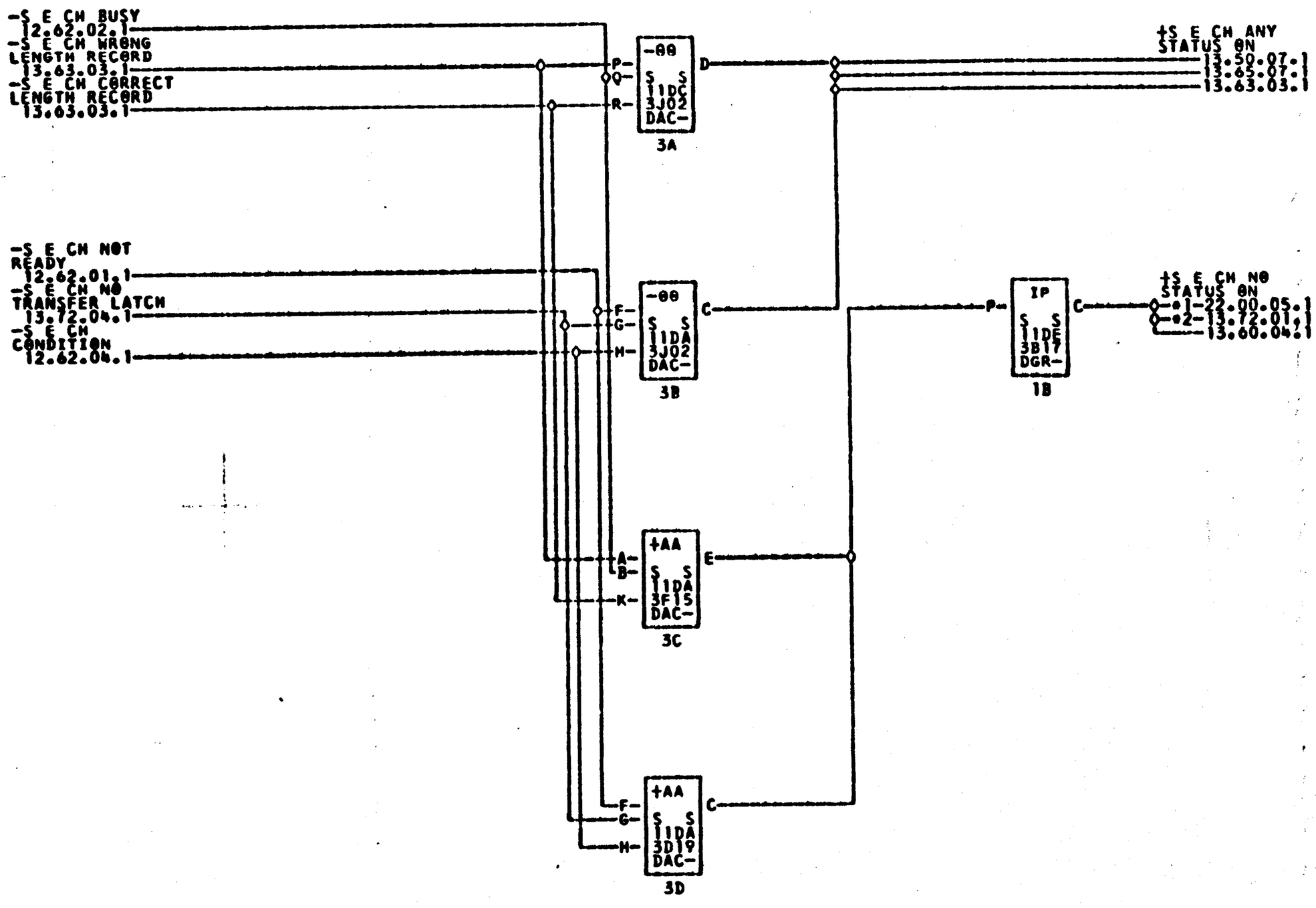


*1--11D3A08L--11D2K02L *2--11D3A10A--11D1K10A *3--11D3K28L--11D7L23M--15A4A15R--15A4A16R *4--11D7U27D--11D3Z09D
*5--11D3K02L--11B4K28L--11B4G28E--11C3G01E *6--11D3A13Q--11D1K13Q--11D1A28R--11D2A01R *7--11D7L04D

1

COMMENTS
11D3H10C SHOULD BE TIED TO GROUND WHEN SYSTEM IS NOT EQUIPPED WITH THE F1 FEATURE

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	1115900	B	06-14-61	1115940	C	06-17-61	249906	D	08-18-61	250077
E	08-30-61	250185	F	14-11-61	250748	G	01-03-62	250759	H	01-23-62	250755
I	02-07-62	251099	J	03-07-62	251134	K	04-11-62	251132	L	08-02-62	250753
M	09-28-62	251801	N	10-03-62	251807	0	11-01-62	251839			



•1—11D3Z17A—11D7U31A •2—11D3Y16B—11D1Z16B—11D1B27M—11D2B02M

1

COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	111585C
E	04-11-62	251132

TAG	DATE	E.C.NO.
B	06-17-61	249906

TAG	DATE	E.C.NO.
C	01-23-62	250755

TAG	DATE	E.C.NO.
D	02-12-62	250761

0554063

F CH FAST FILE CONTROLS

1411

13.72.07.1

*3

-C ADDR COMP
TRUE F CH
15.70.34.0

*4

-C FAST FILE
ON LINE F CH
15.70.34.0

+S PERCENT OR
COML AT
13.50.01.1-*1

+S E CH IN
PROCESS
13.60.04.1-*2

+S LOGIC GATE
E OR V
11.10.34.1

+S F CH SEL
UNIT F LATCHED
13.64.05.1

+S F CH DISCON
LATCH
13.67.03.1

-S PROGRAM
RESET 1
12.65.04.1

-S BLOCK F CH
FILE START GT
13.73.01.1

COMPUTE

DISABLE

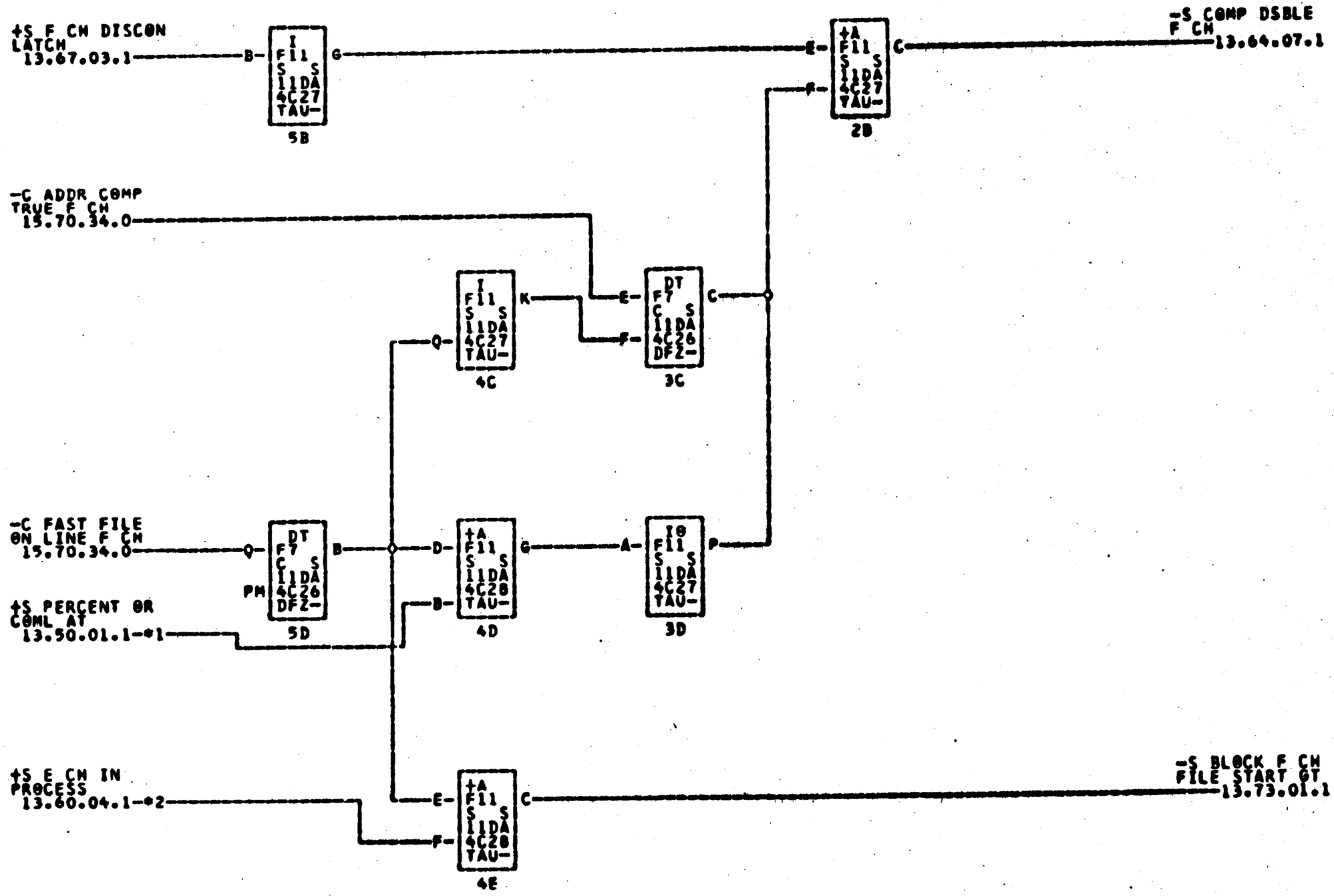
-S COMP DSBLE
F CH
13.64.07.1

*1--11D3C28C--11D4C01C---- *2--11D3J28R--11D4J01R---- *3 L11B *4 U08K

1

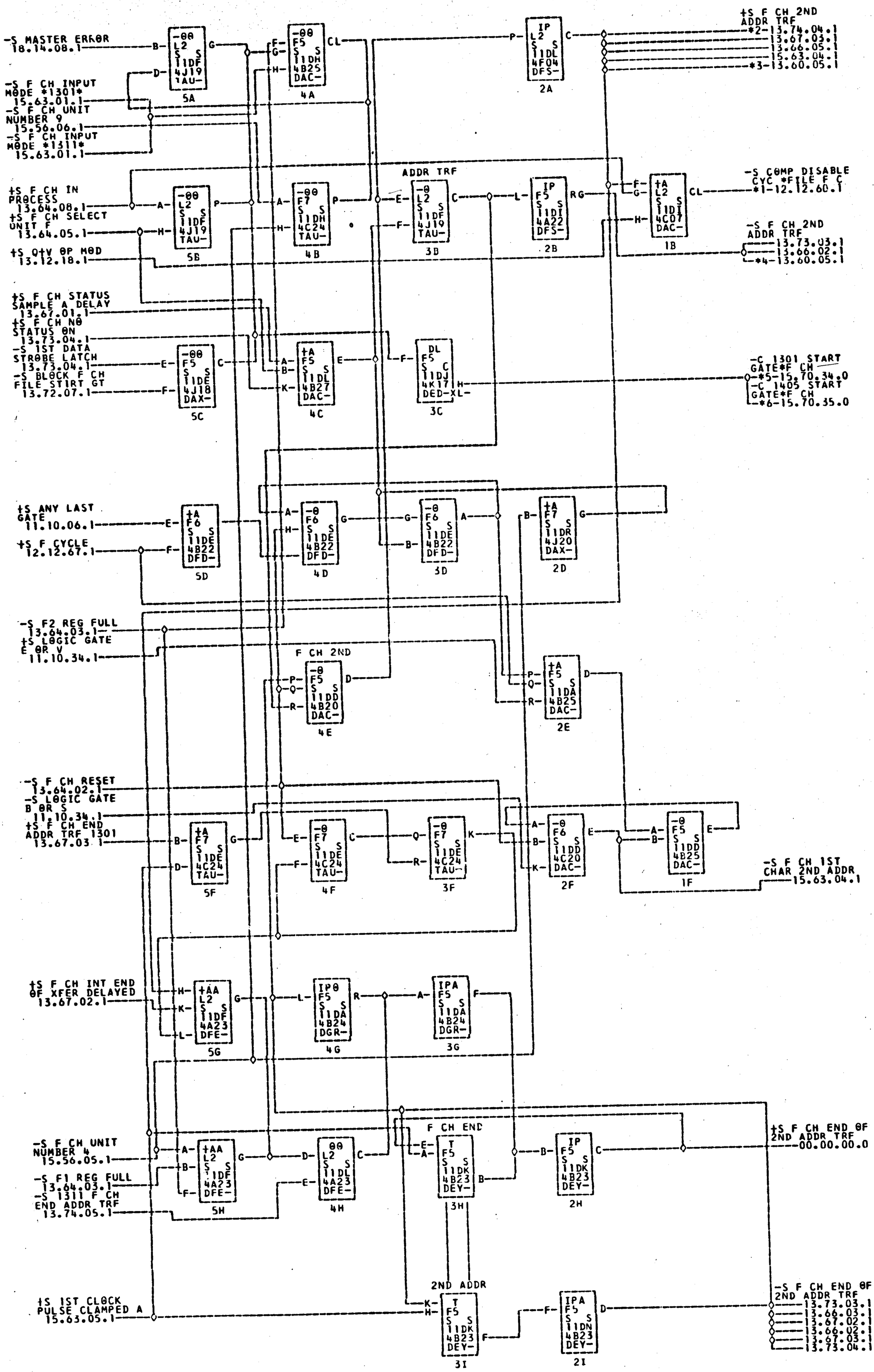
COMMENTS

TAG	DATE	E.C.NO.
A	12-12-63	253150
B	07-22-64	253912
C	12-22-64	254896
D	06-03-65	255117



*1--11D3C28C--11D4C01C----- *2--11D3J28R--11D4J01R----

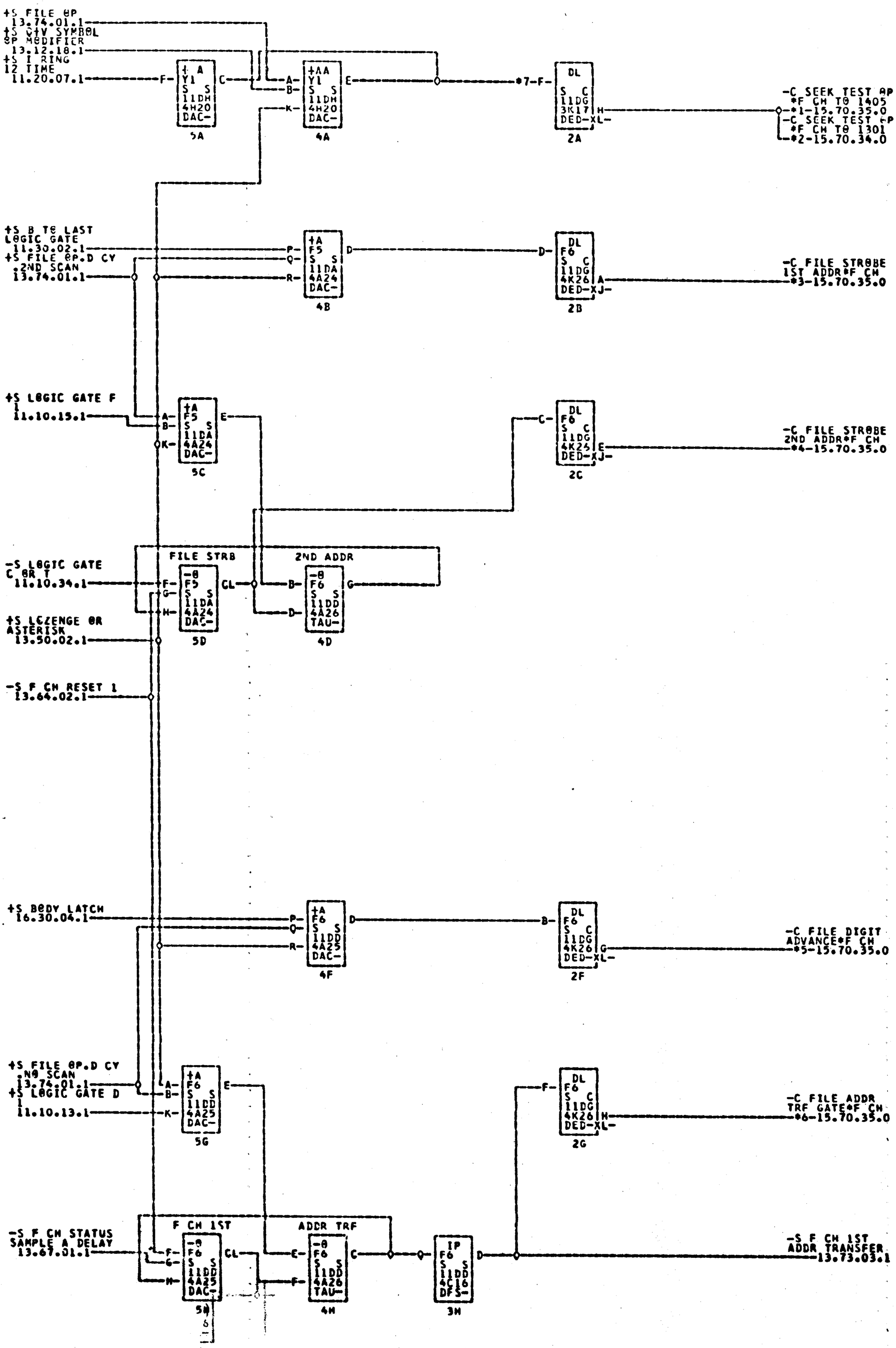
COMMENTS	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
	A	12-12-63	253150									



*1--11D4J01G--11D3J28G *2--11D4Y12C--11D2Z12C *3--11D4F02G--11D3F27G *4--11D4A01R--11D3A28R *5--11D7U08H
*6--11D7L47D

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	06-17-61	111590C	B	06-21-61	249906	C	11-01-61	250701	D	12-21-61	250750
E	01-23-62	250755	F	01-30-62	251100	G	02-10-62	250761	H	03-28-62	250771
I	05-07-62	250776	J	08-17-62	251809	K	10-23-62	250798	L	11-12-62	251829
M	01-22-63	251830	N	06-15-63	252960	O	10-03-63	253151	P	10-12-63	253322
Q	12-13-63	253150	R	11-17-64	253888						



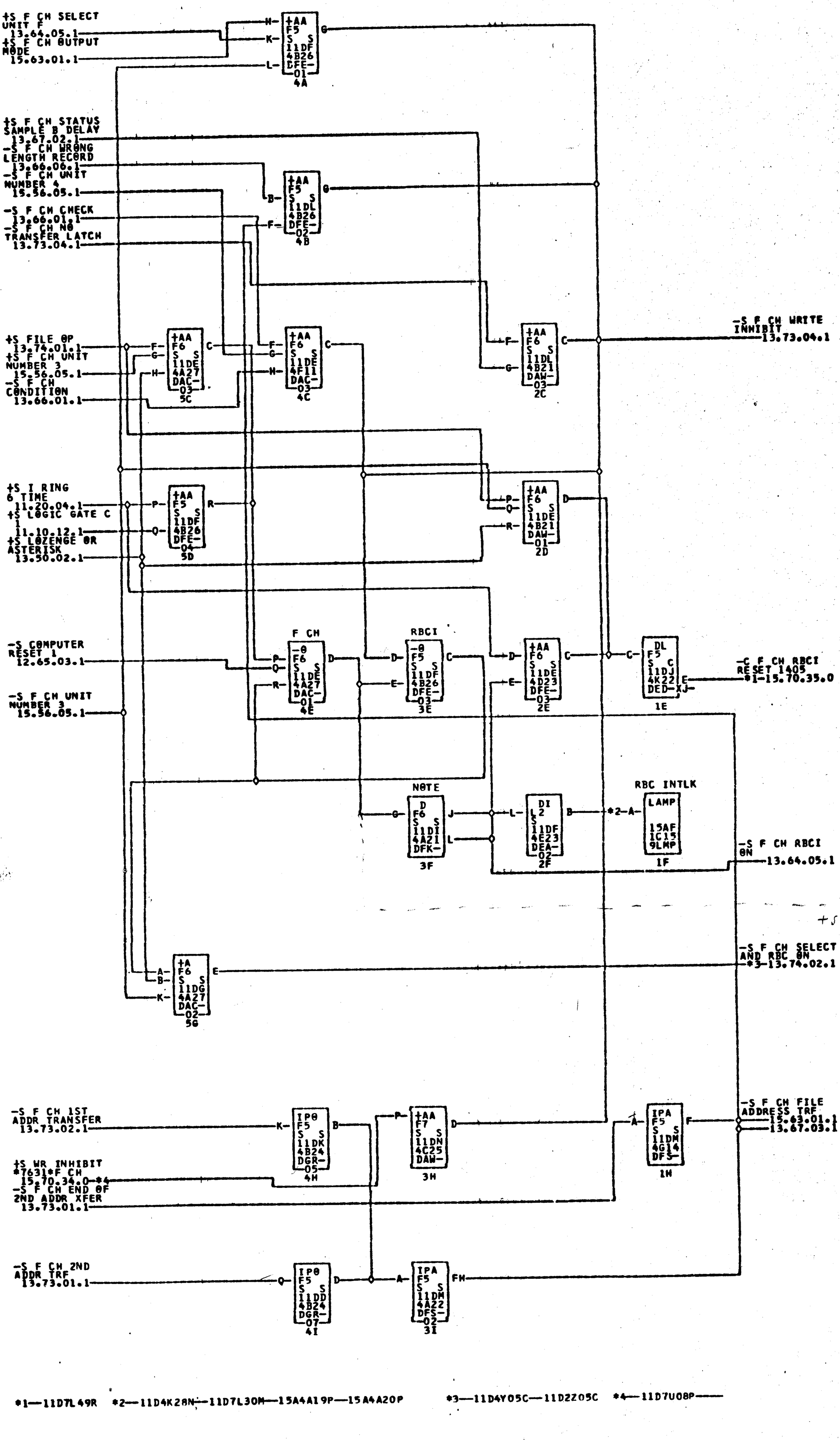
*1—11D7L50R *2—11D7U08B *3—11D7L49F *4—11D7L49H *5—11D7L49K *6—11D7L49M *7—11D4F02A—11D3F27A

1

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111585C	B	06-15-61	249906	C	11-20-61	250717	D	12-26-61	250748
E	01-23-62	250755	F	04-12-62	250785	G	08-17-62	251809	H	08-21-63	253146

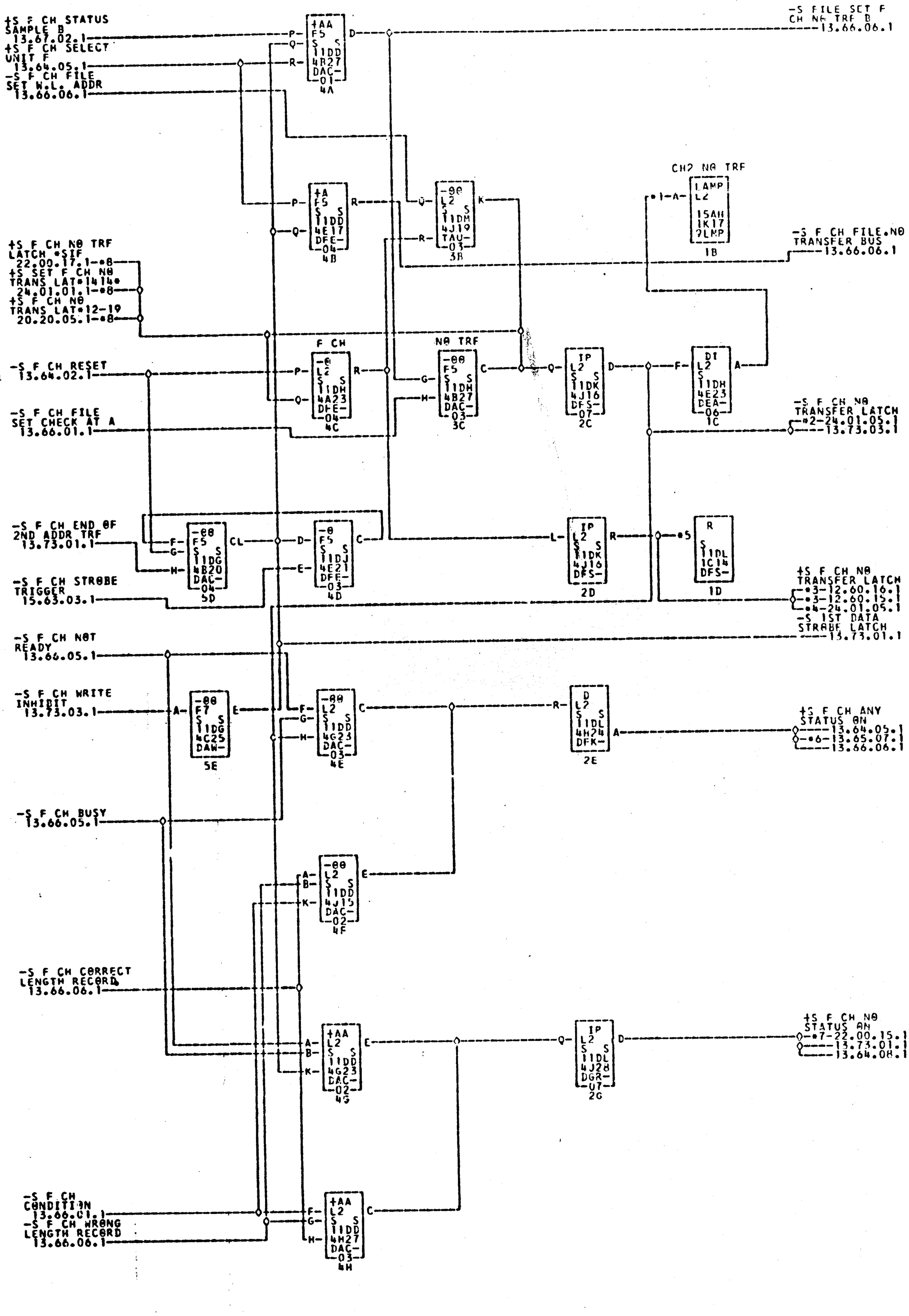
C7



2

COMMENTS
11D4A21L IS TIED TO GROUND UNLESS 1405S ARE ON SYSTEM

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	1115850	B	06-14-61	1115940	C	06-17-61	249906	D	08-18-61	250077
E	12-21-61	250750	F	01-23-62	250755	G	02-10-62	250761	H	04-12-62	250785
I	07-16-62	250787	J	08-17-62	251809	K	09-28-62	251801	L	10-03-62	251807
M	01-23-63	251830	N	02-18-63	252644						

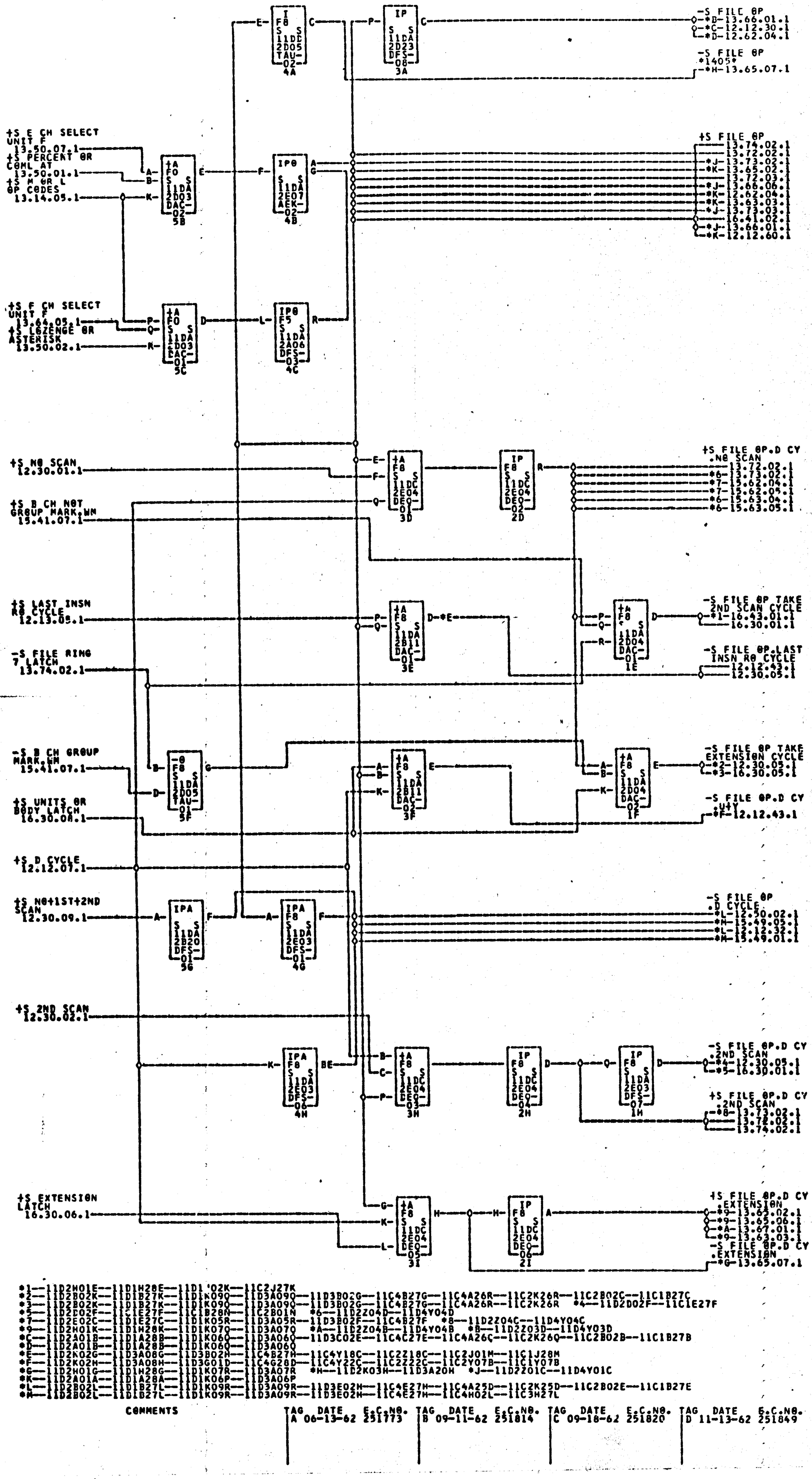


*1—11D4K28R—11D7L32Q—15A4A21R—15A4A22R *2—11D4Z27C—11D7U47L *3—11D4Y06R—11D2Z06B—11D2G02E—11D1G27E
*4—11D4Z27D—11D7U47M *5—11D4Y06B—11D2Z06B—11D2G02E—11D1G27E—E— *6—11D4F01E—11D3F28E *7—11D4Z19D—11D7U43H
*8—11D7U37N—11D4Z08A

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111590C	B	06-15-61	111594C	C	06-17-61	249906	D	08-18-61	250077
E	12-27-61	250749	F	01-03-62	250759	G	01-23-62	250755	H	01-30-62	251100
I	02-07-62	251099	J	02-26-62	251120	K	03-21-62	251143	L	04-11-62	251132
M	04-23-62	250786									

A

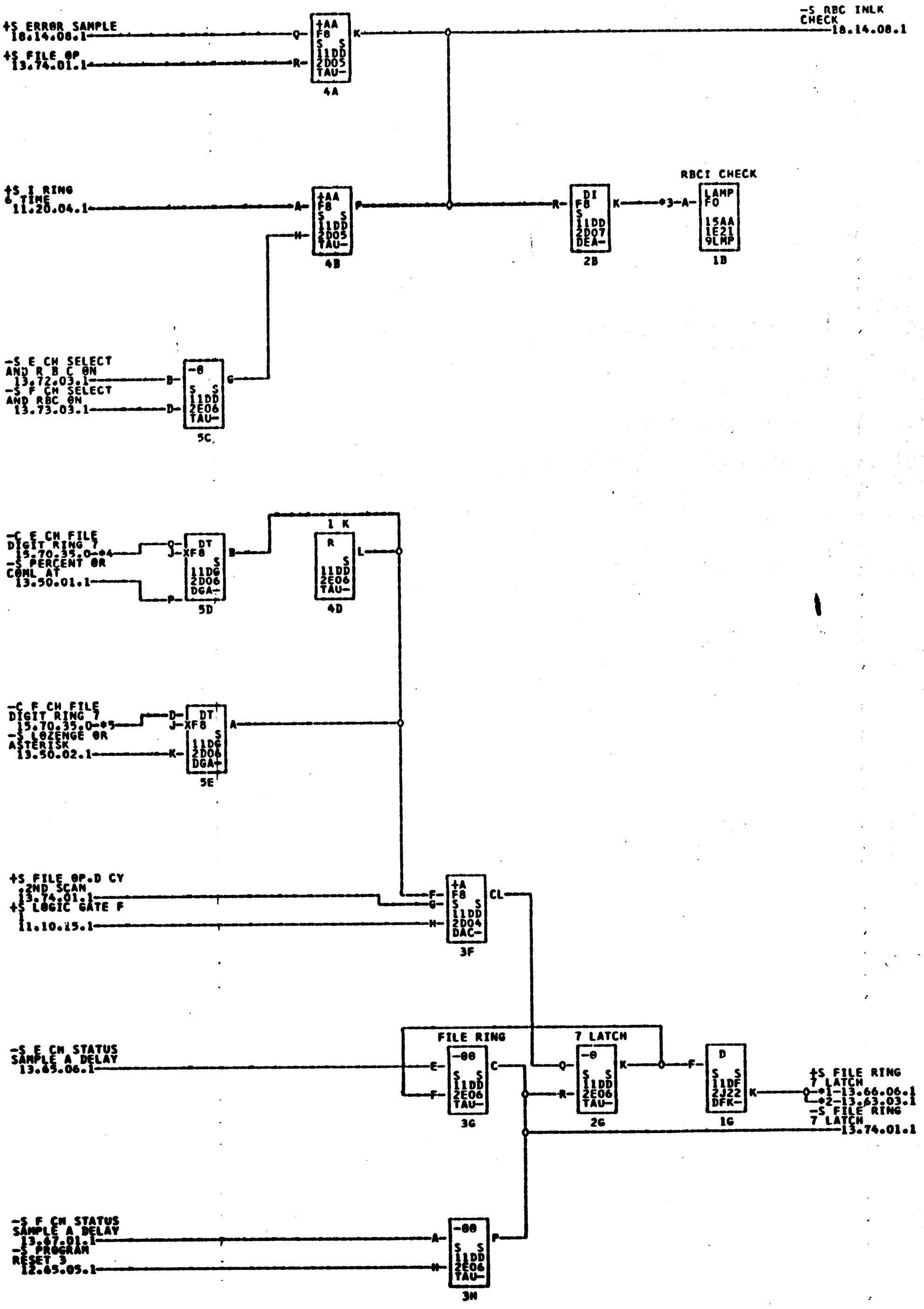


*1--11D2H01E--11D1H28E--11D1'02K--11C2J27K
*2--11D2B02K--11D1B27K--11D1K09Q--11D3A09Q--11D3B02G--11C4B27G--11C4A26R--11C2K26R--11C2B02C--11C1B27C
*3--11D2B02K--11D1B27K--11D1K09Q--11D3A09Q--11D3B02G--11C4B27G--11C4A26R--11C2K26R *4--11D2D02F--11C1E27F
*5--11D2D02F--11C1E27F--11C1B28N--11C2B01N *6--11D2Z04D--11D4Y04D
*7--11D2E02C--11D1E27C--11D1K05R--11D3A05R--11D3B02F--11C4B27F *8--11D2Z04C--11D4Y04C
*9--11D2H01K--11D1H28K--11D1K07Q--11D3A07Q *A--11D2Z04B--11D4Y04B *B--11D2Z03D--11D4Y03D
*C--11D2A01B--11D1A28B--11D1K06Q--11D3A06Q--11D3C02E--11C4C27E--11C4A26C--11C2K26Q--11C2B02B--11C1B27B
*D--11D2A01B--11D1A28B--11D1K06Q--11D3A06Q
*E--11D2K02G--11D3A08G--11D3B02H--11C4B27H--11C4Y18C--11C2Z18C--11C2J01M--11C1J28M
*F--11D2K02M--11D3A08M--11D3G01D--11C4G28D--11C4Y22C--11C2Z22C--11C2Y07B--11C1Y07B
*G--11D2H01G--11D1H28G--11D1K07R--11D3A07R *H--11D2K03H--11D3A20H *J--11D2Z01C--11D4Y01C
*K--11D2A01A--11D1A28A--11D1K06P--11D3A06P
*L--11D2B02L--11D1B27L--11D1K09R--11D3A09R--11D3E02H--11C4E27H--11C4A25D--11C2K25D--11C2B02E--11C1B27E
*M--11D2B02L--11D1B27L--11D1K09R--11D3A09R--11D3E02H--11C4E27H--11C4H02L--11C3H27L

COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
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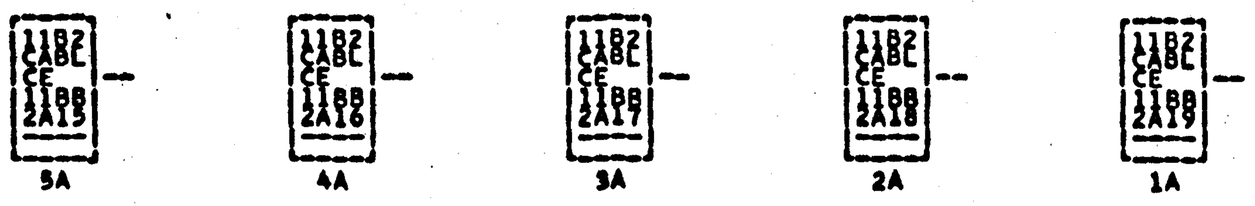
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*1—11D2Z01B—11D4Y01B *2—11D2B02Q—11D1B27Q—11D1Z15A—11D3Y15A *3—11D2J28B—11D7L30P—15A4A15P—15A4A16P
*4—11D7L34M—11D2N28M *5—11D7L49B—11D2N28P

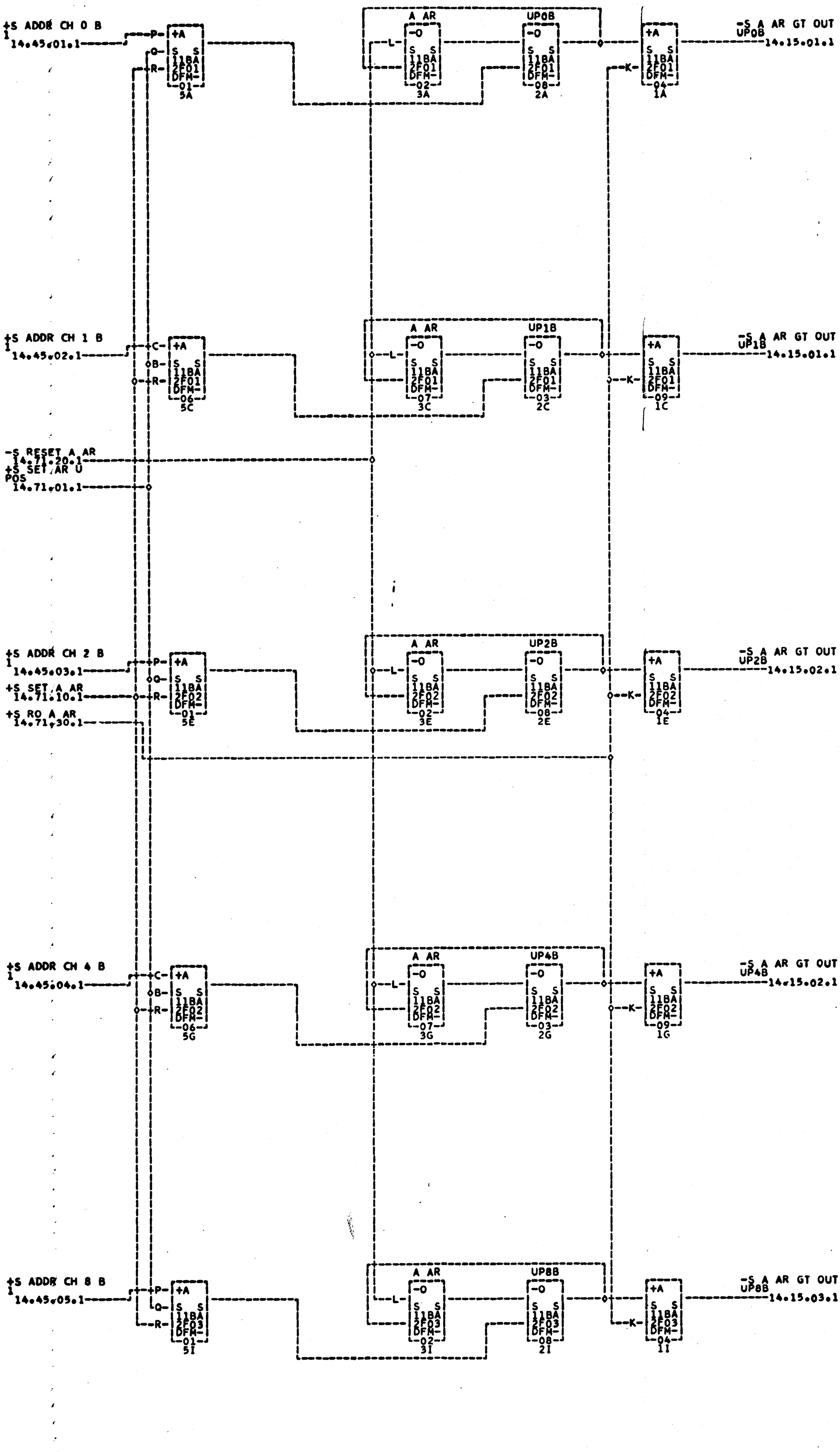
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	111585C	B	06-16-61	249906	C	11-06-61	250358	D	12-14-61	250743
E	02-10-62	250761	F	04-12-62	250785	G	04-24-62	250786	H	08-17-62	251809



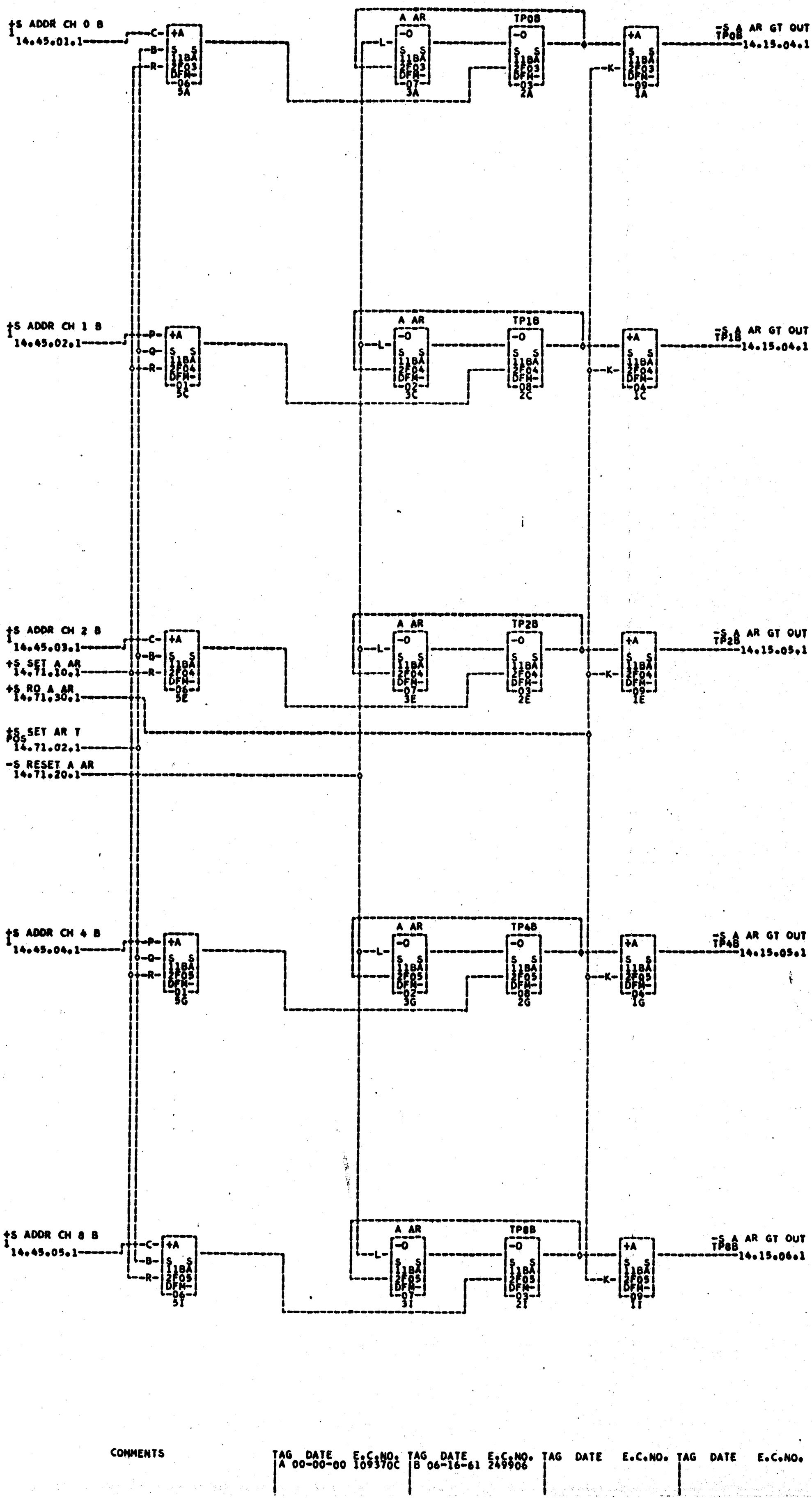
COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	111590C
B	06-17-61	249906
C	12-05-61	250735
TAG	DATE	E.C.NO.



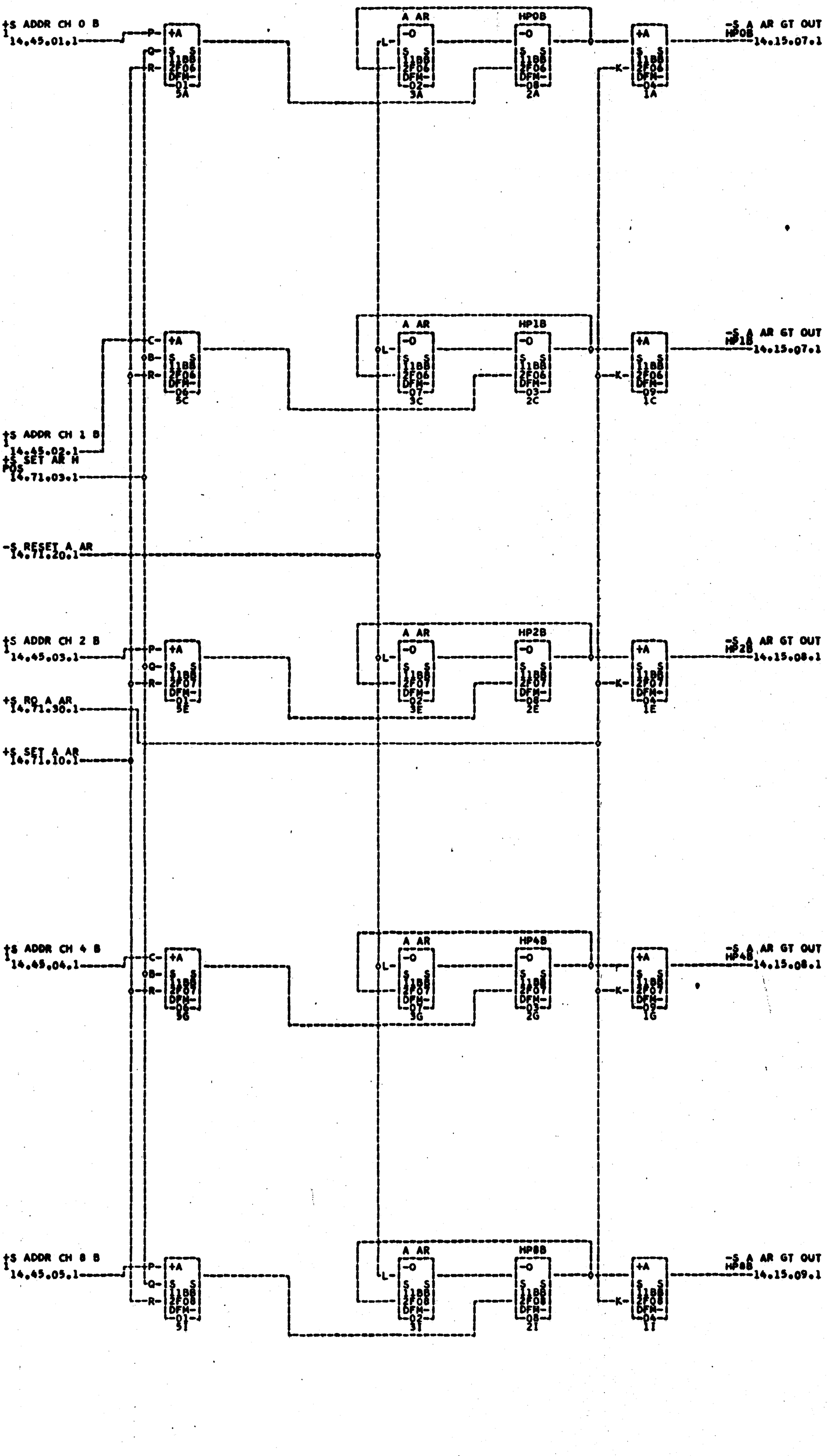
COMMENTS

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A	00-00-00	109370C	B	06-16-61	249906						



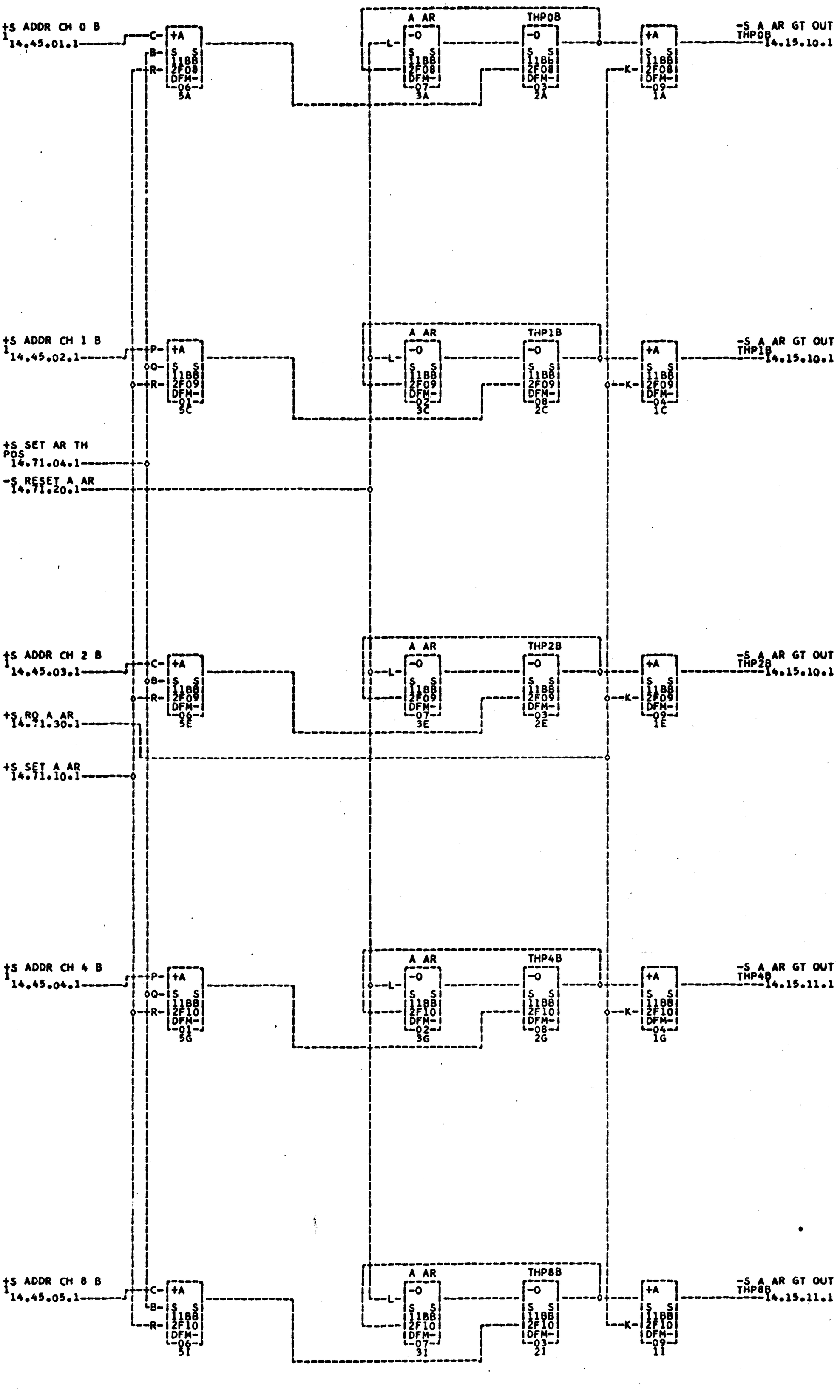
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109370C	B	06-16-61	249906						



COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	109370
B	06-16-61	249908



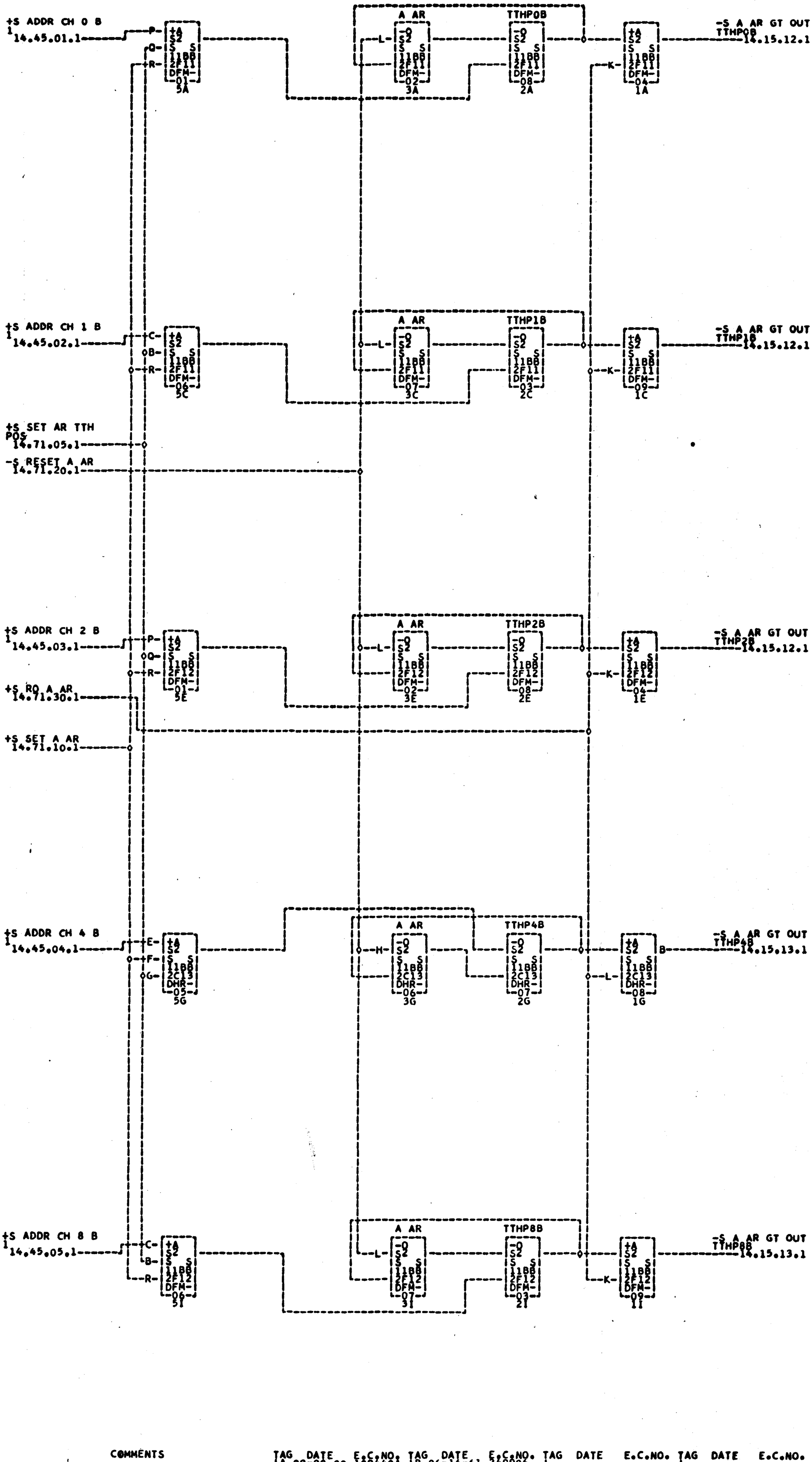
COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	109370C
B	06-16-61	249906

TAG	DATE	E.C.NO.

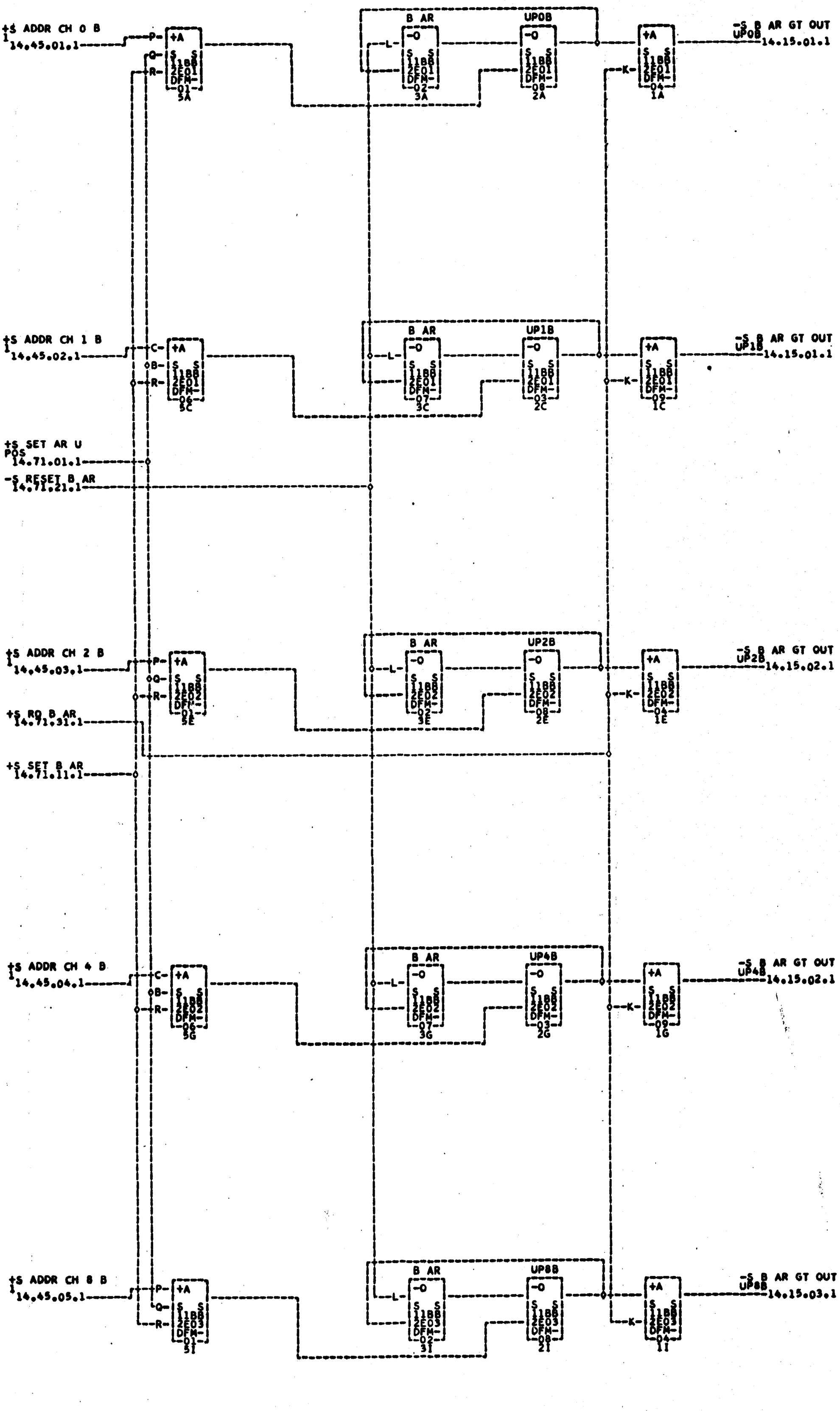
TAG	DATE	E.C.NO.

TAG	DATE	E.C.NO.



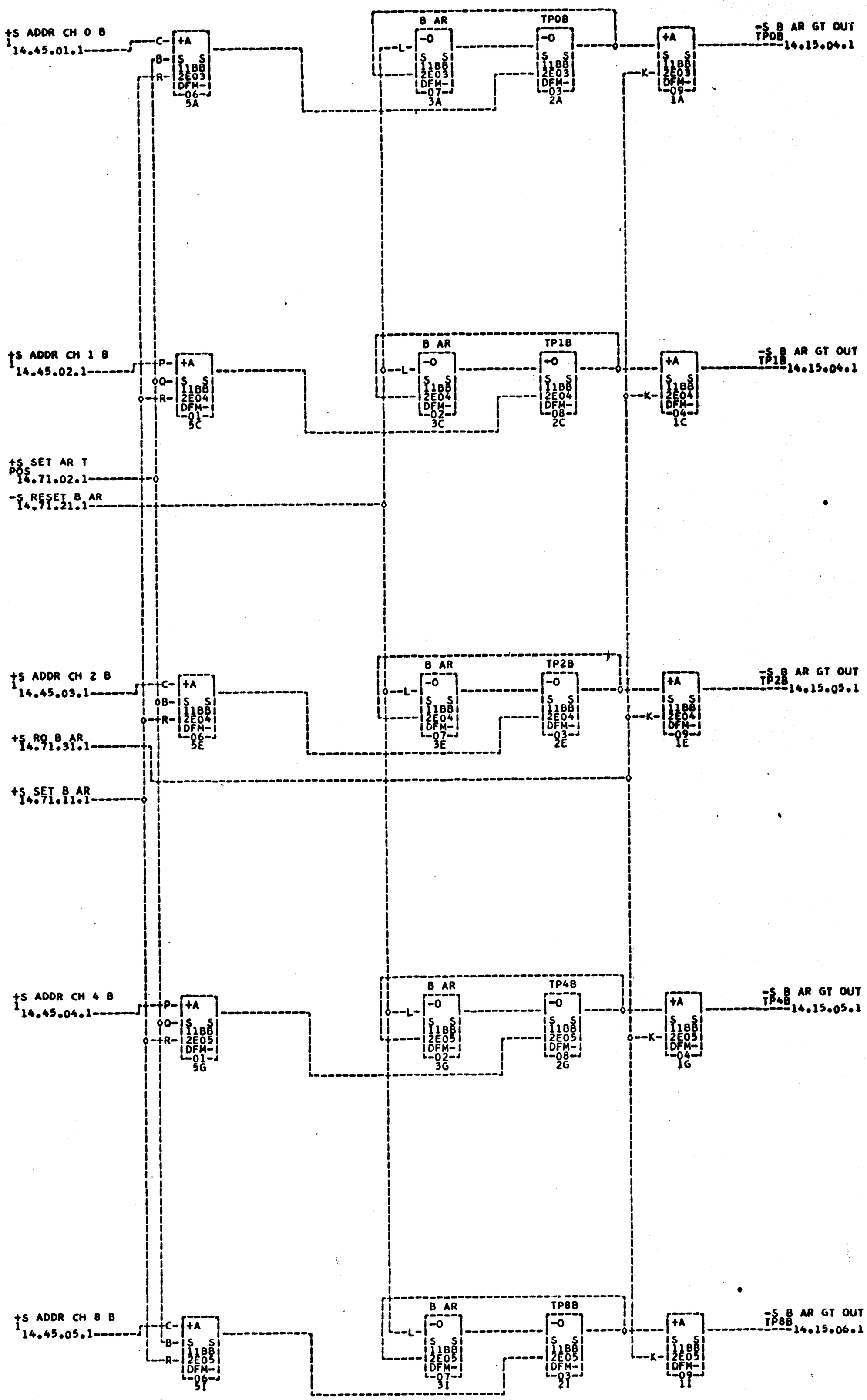
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109440A	B	06-16-61	249906						



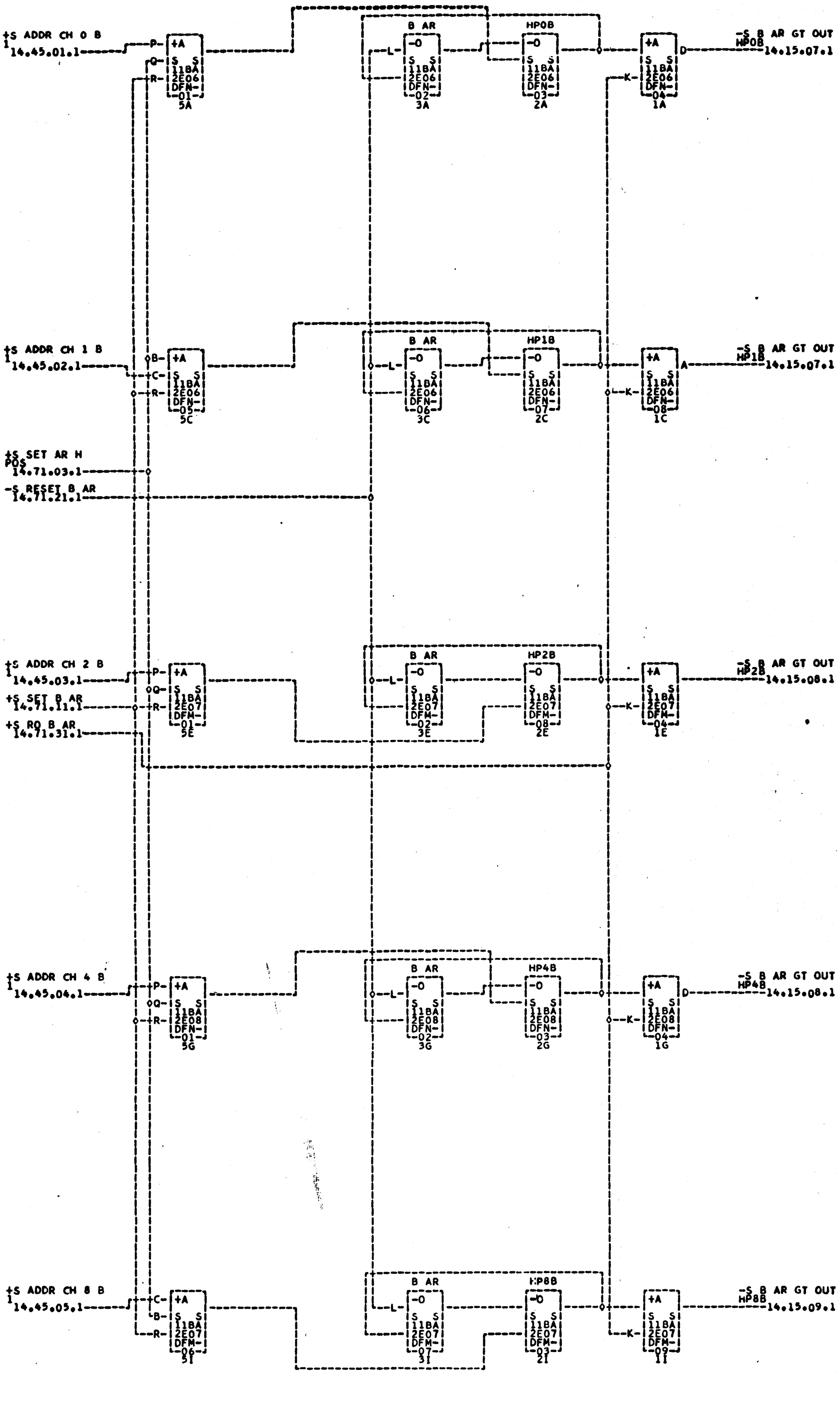
COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	109370C
B	06-16-61	249906



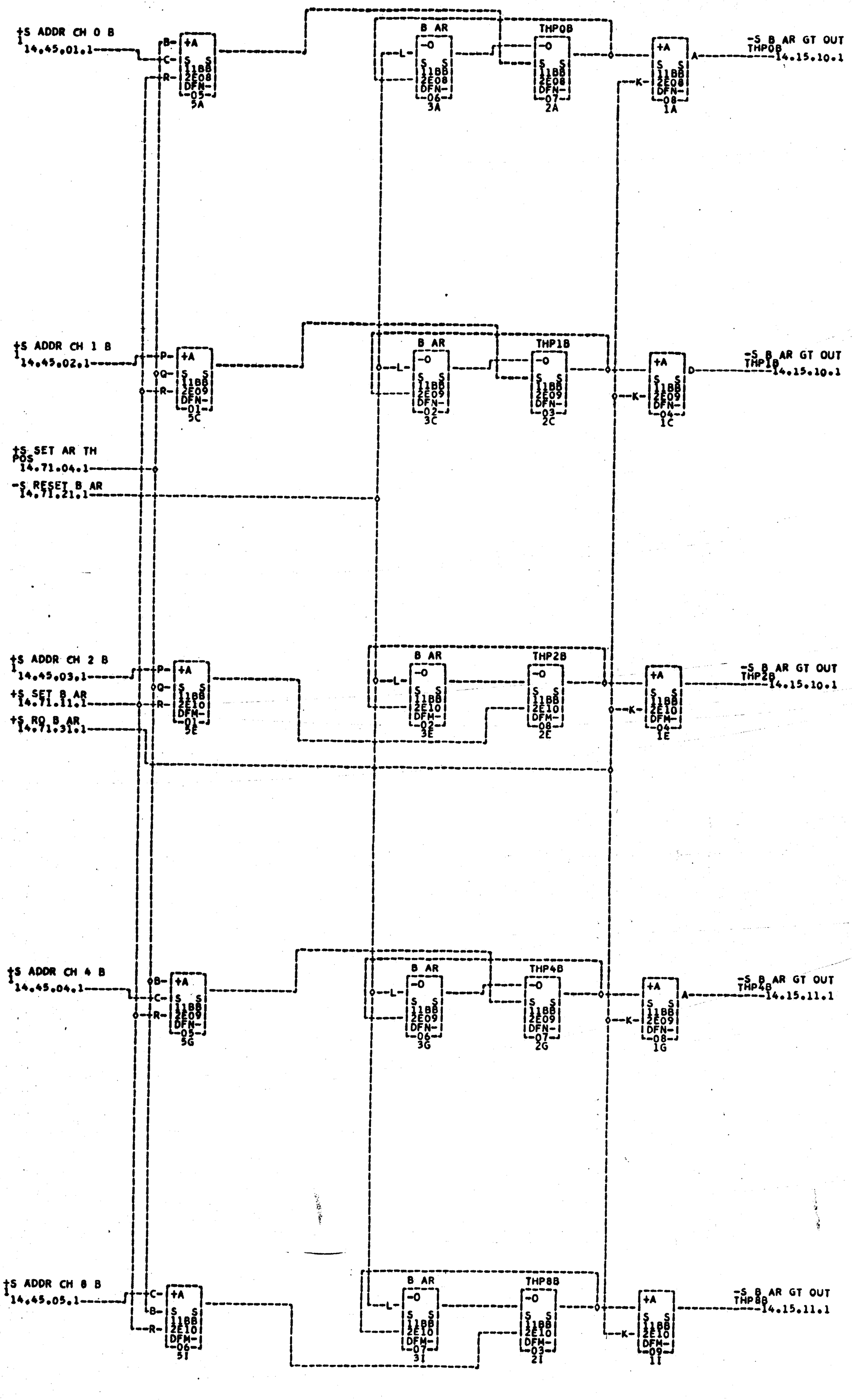
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109370C	B	06-16-61	249906						



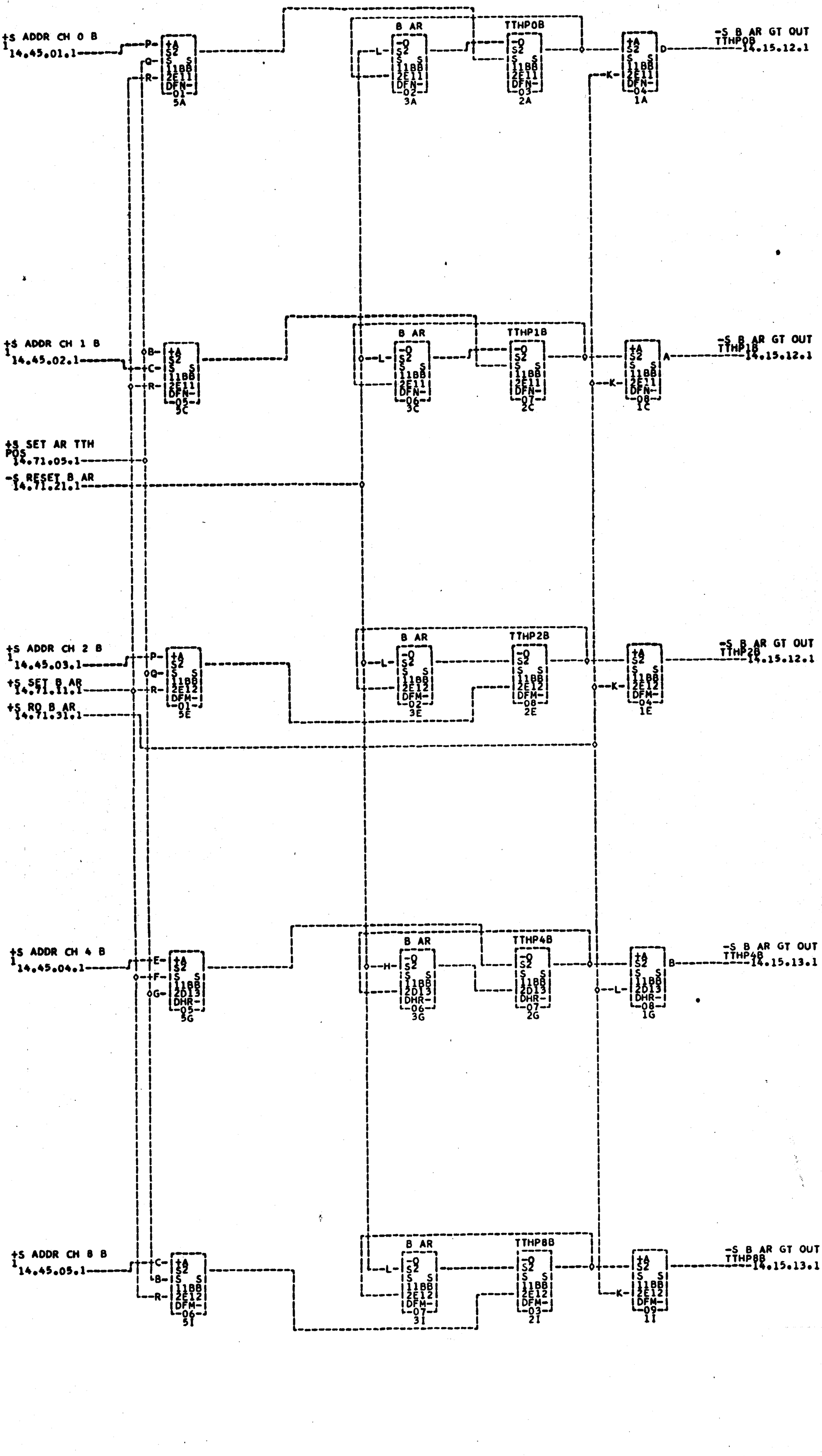
COMMENTS

TAG	DATE	E.C.NO.
A	00-00-00	109370C
B	06-16-61	249906



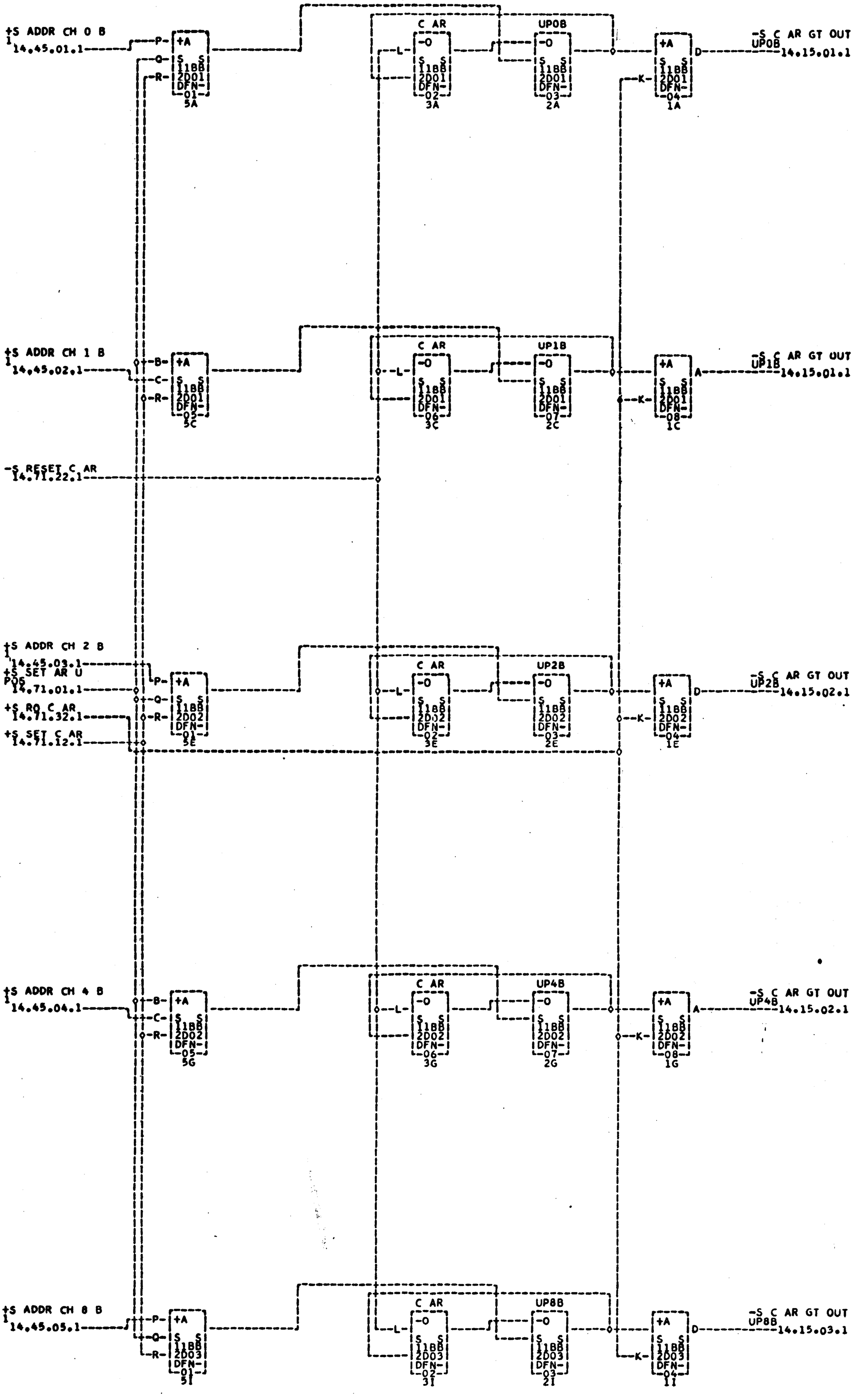
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109370C	B	06-16-61	249906						



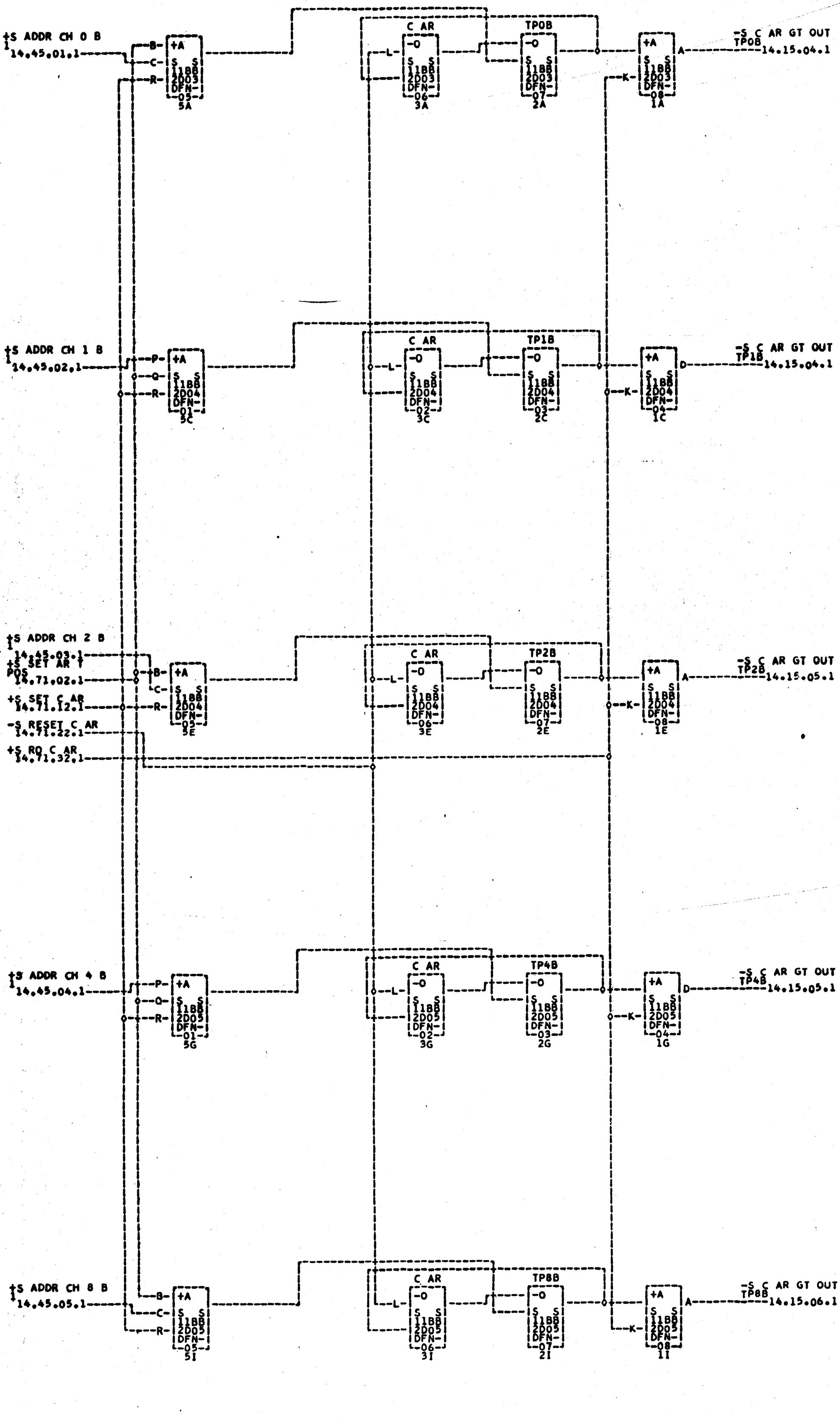
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109440A	B	06-16-61	249906						



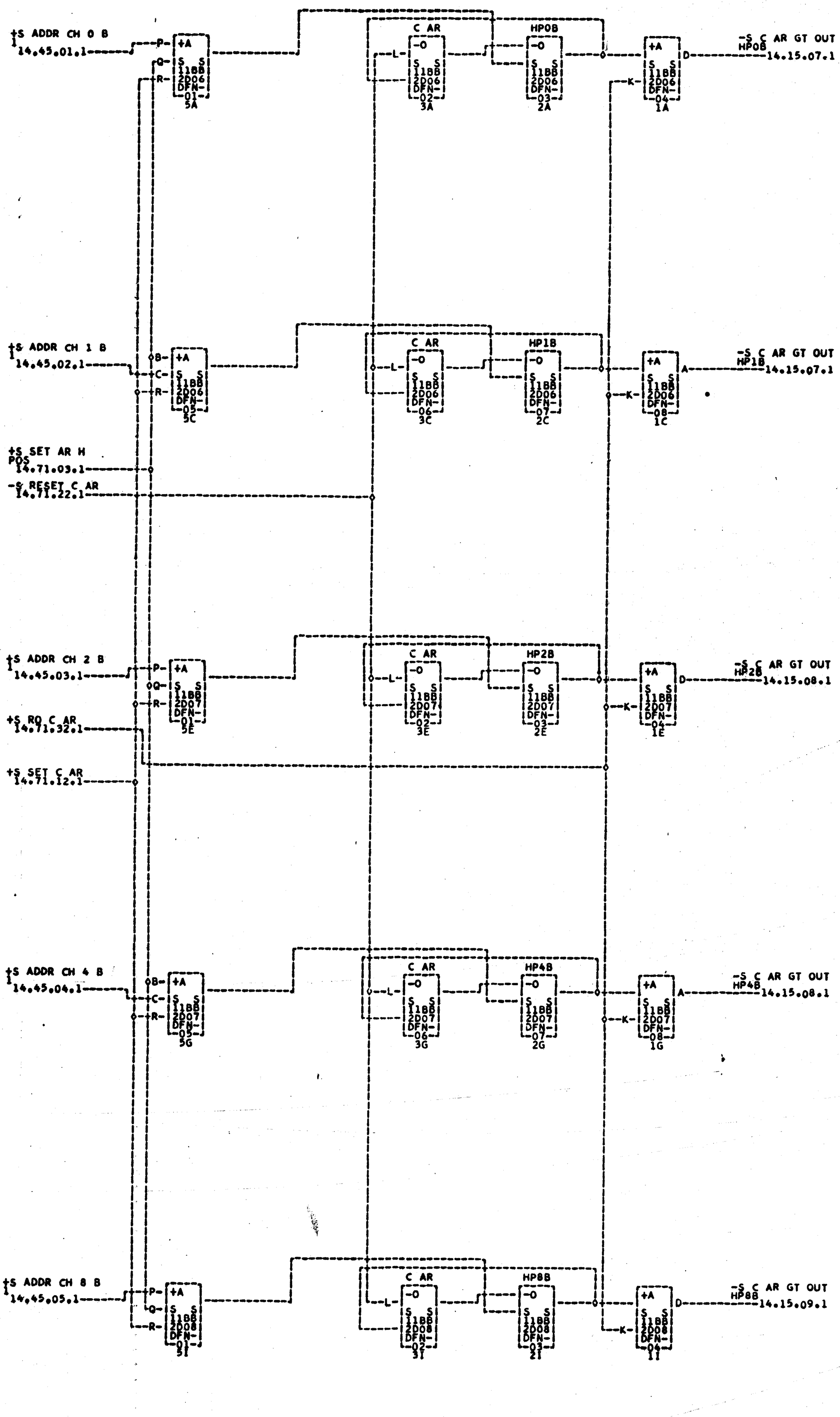
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
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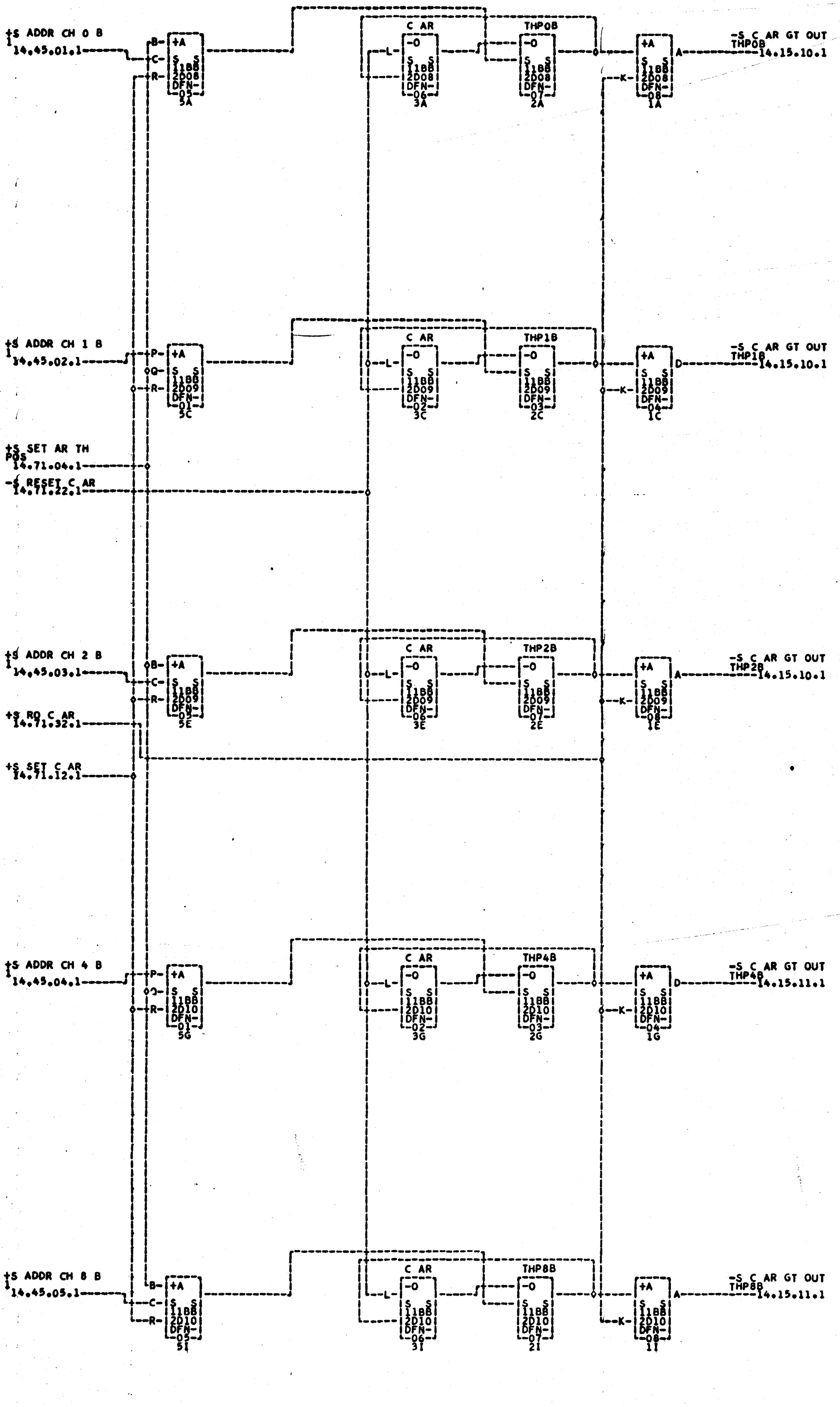
COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	00-00-00	109370C	B	06-16-61	249906						



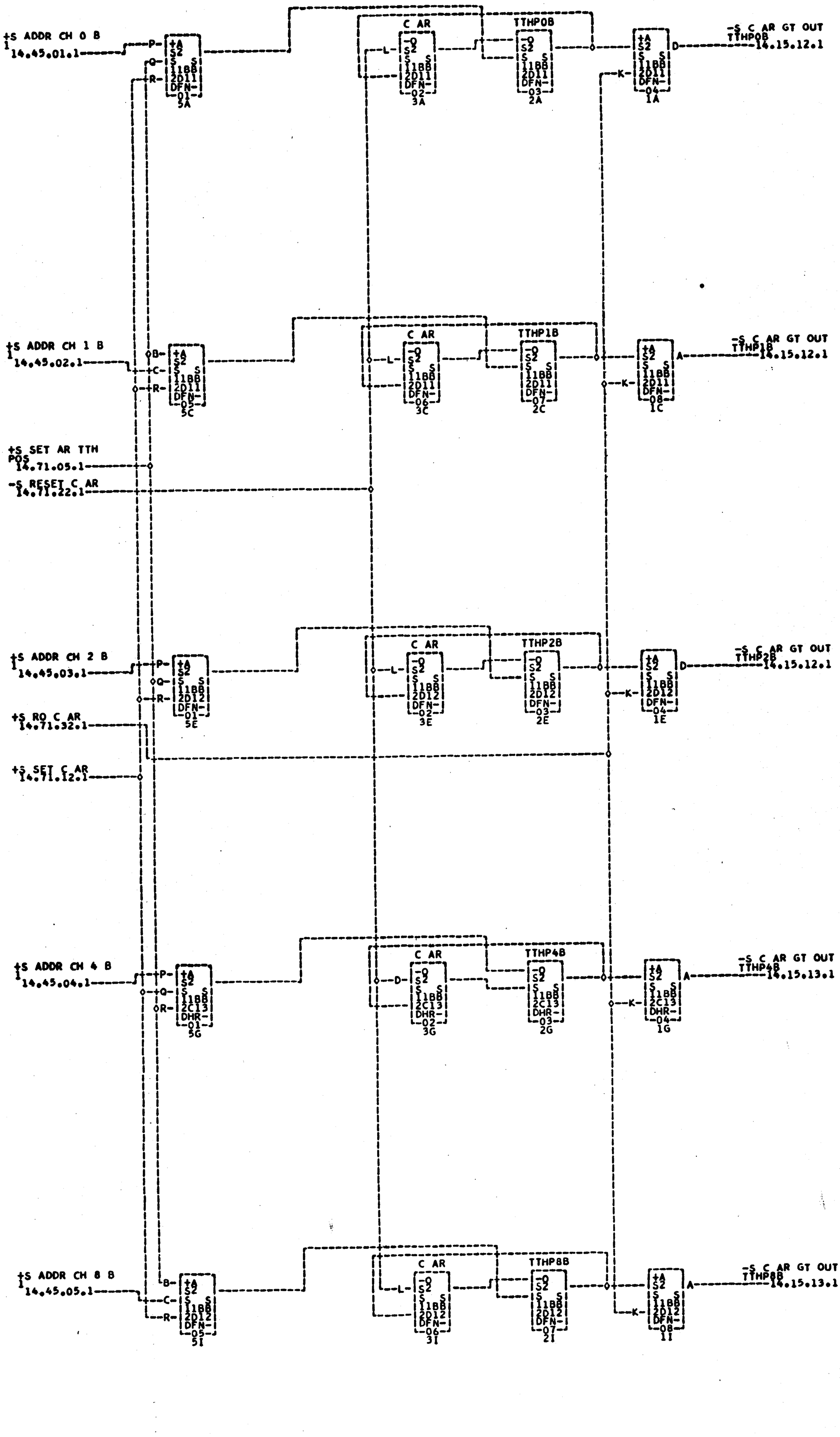
COMMENTS

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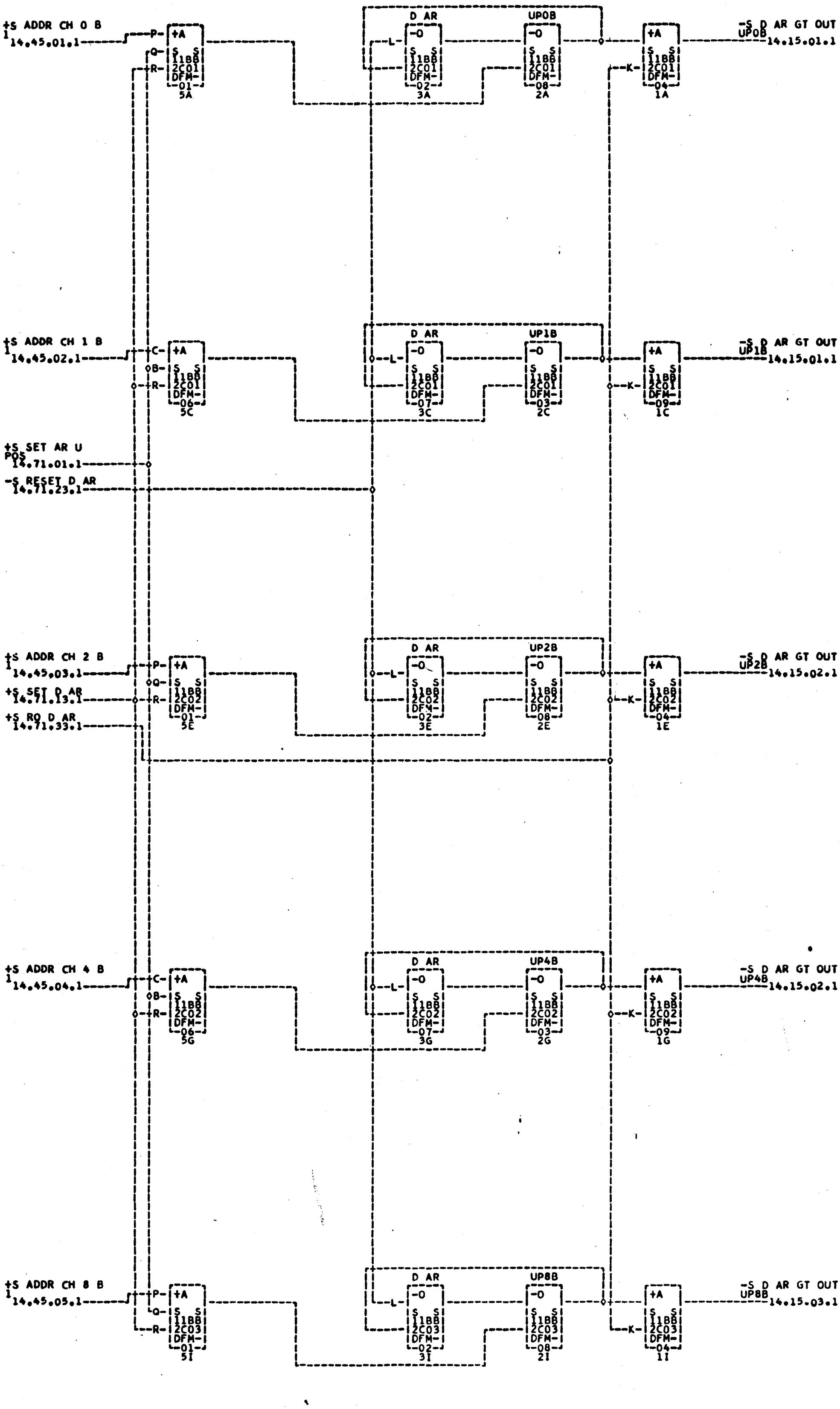
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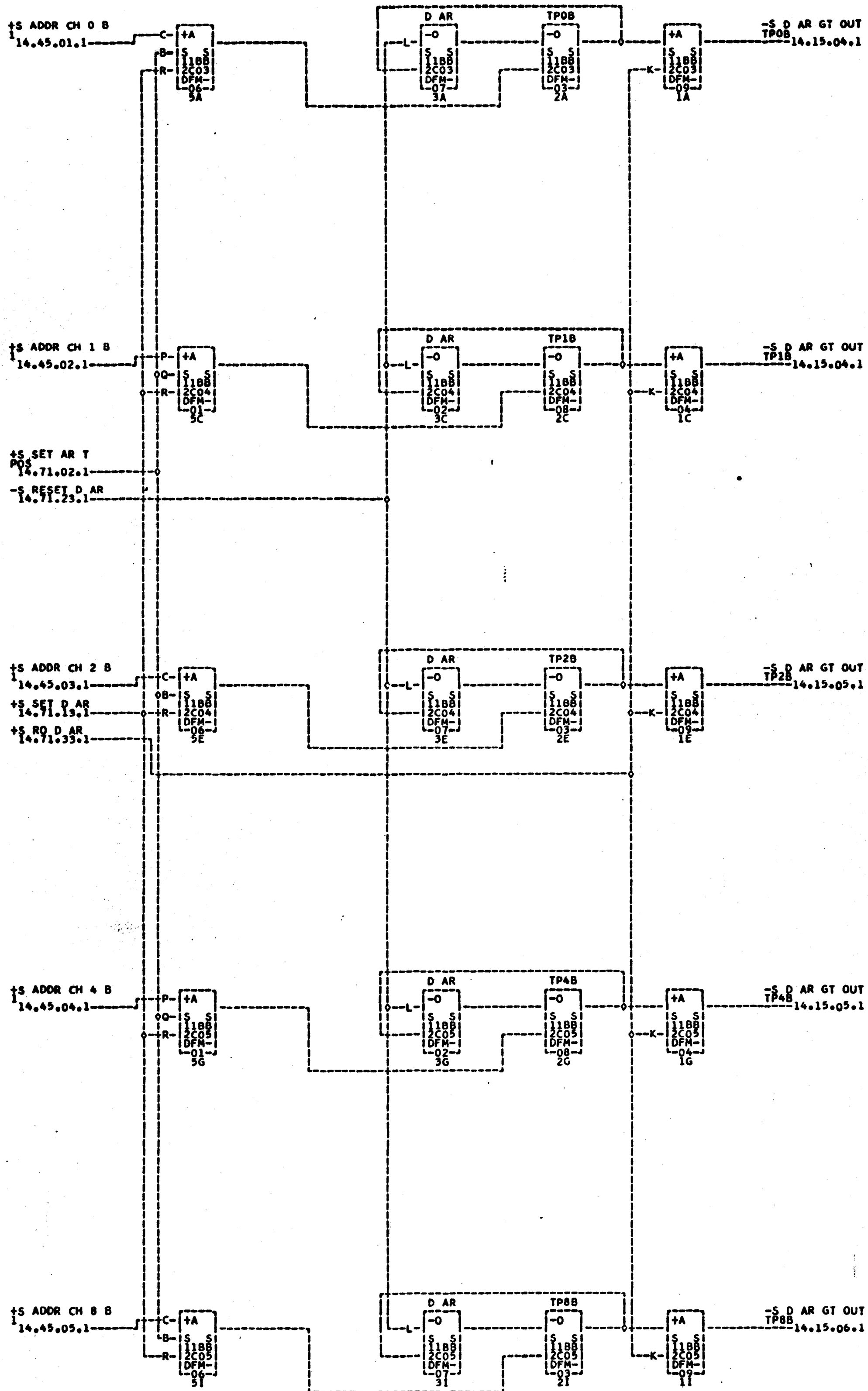
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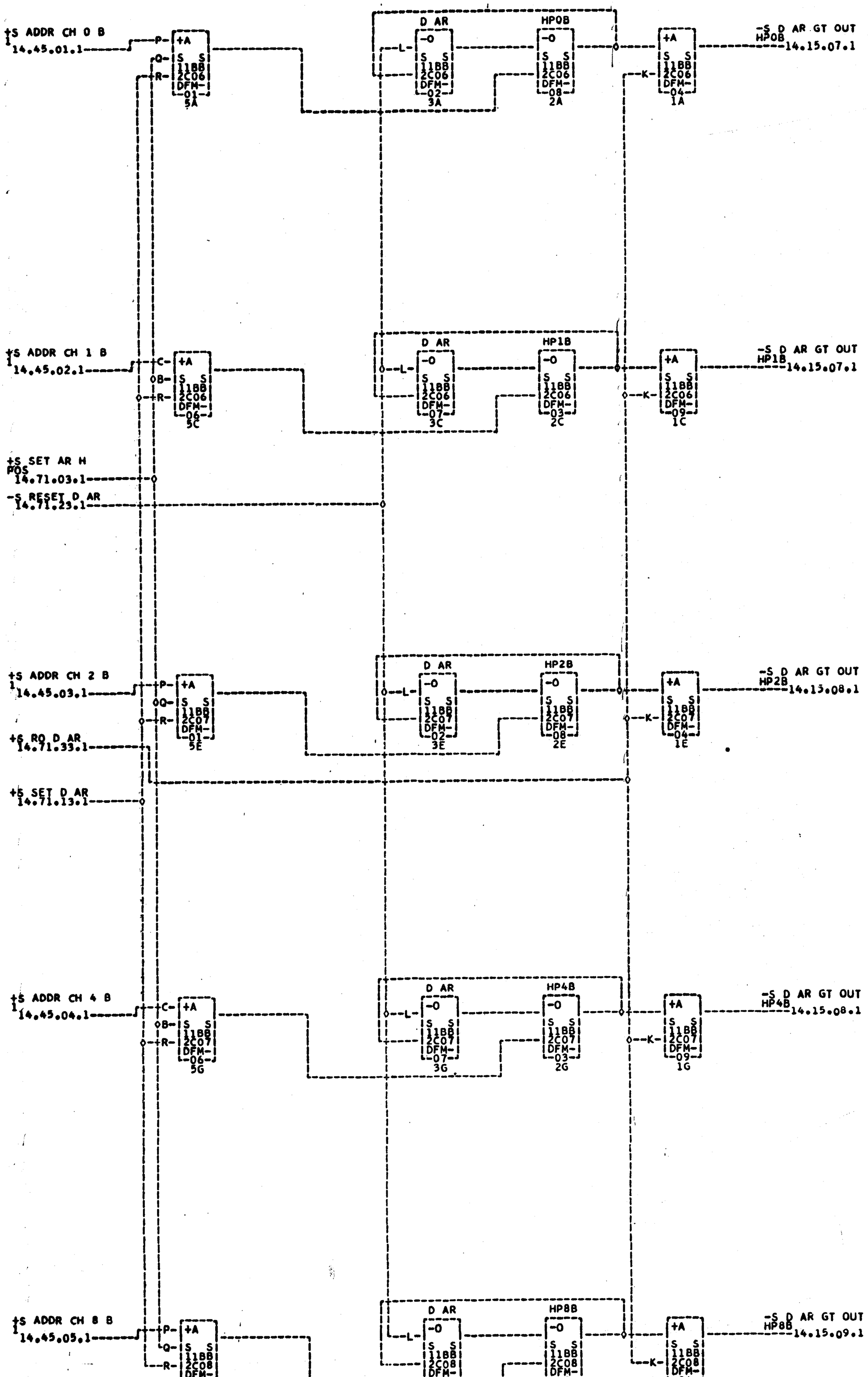
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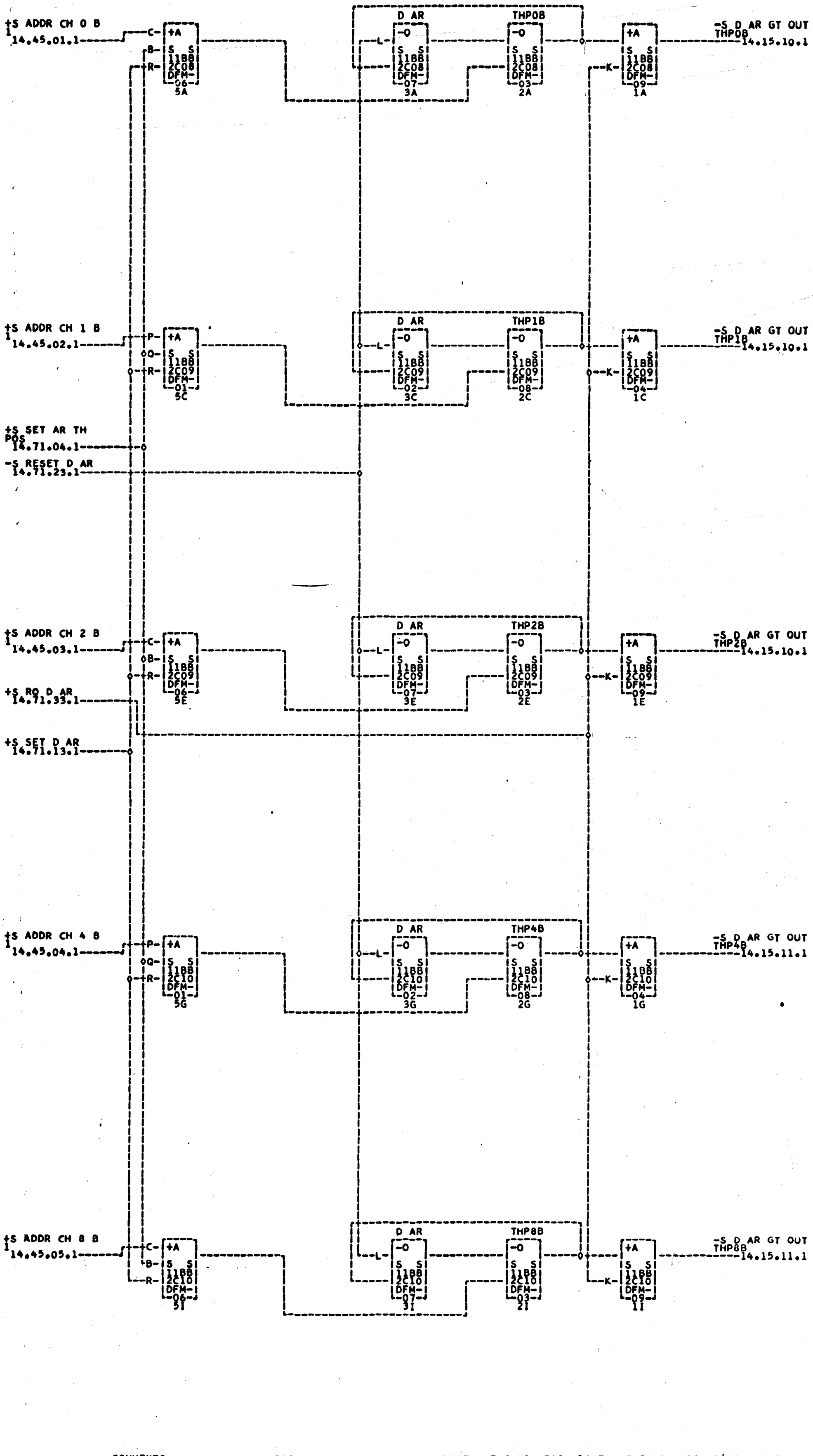
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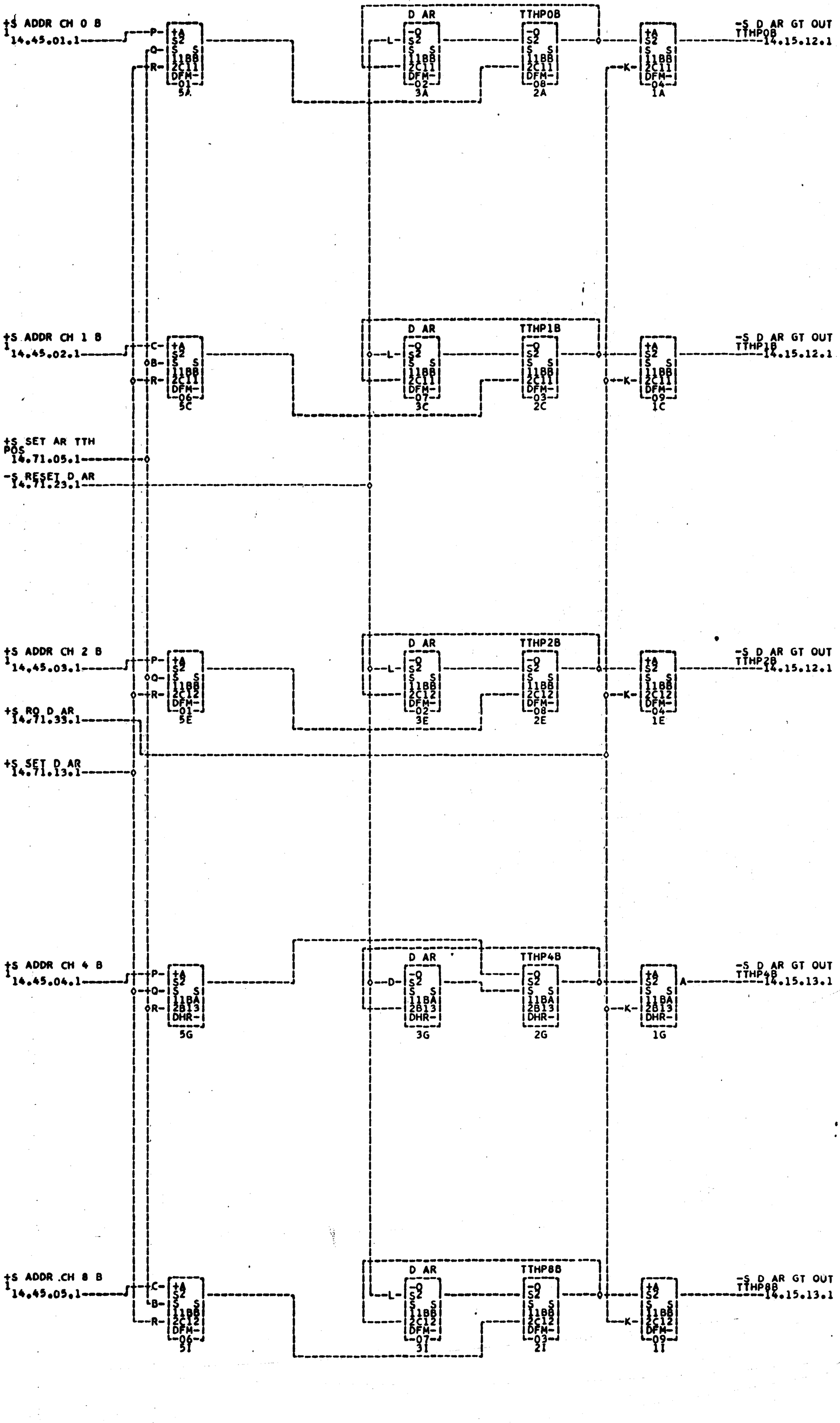
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COMMENTS

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COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
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